

690

640

CATALOG No. 20

"CHOICE OF A THOUSAND BUILDINGS"

# Milliken Buildings



TRANSMISSION TOWERS

RADIO TOWERS

LATTICED POLES



CATALOG NO. 25  
CHOICE OF A THOUSAND BUILDINGS

# Milliken Buildings

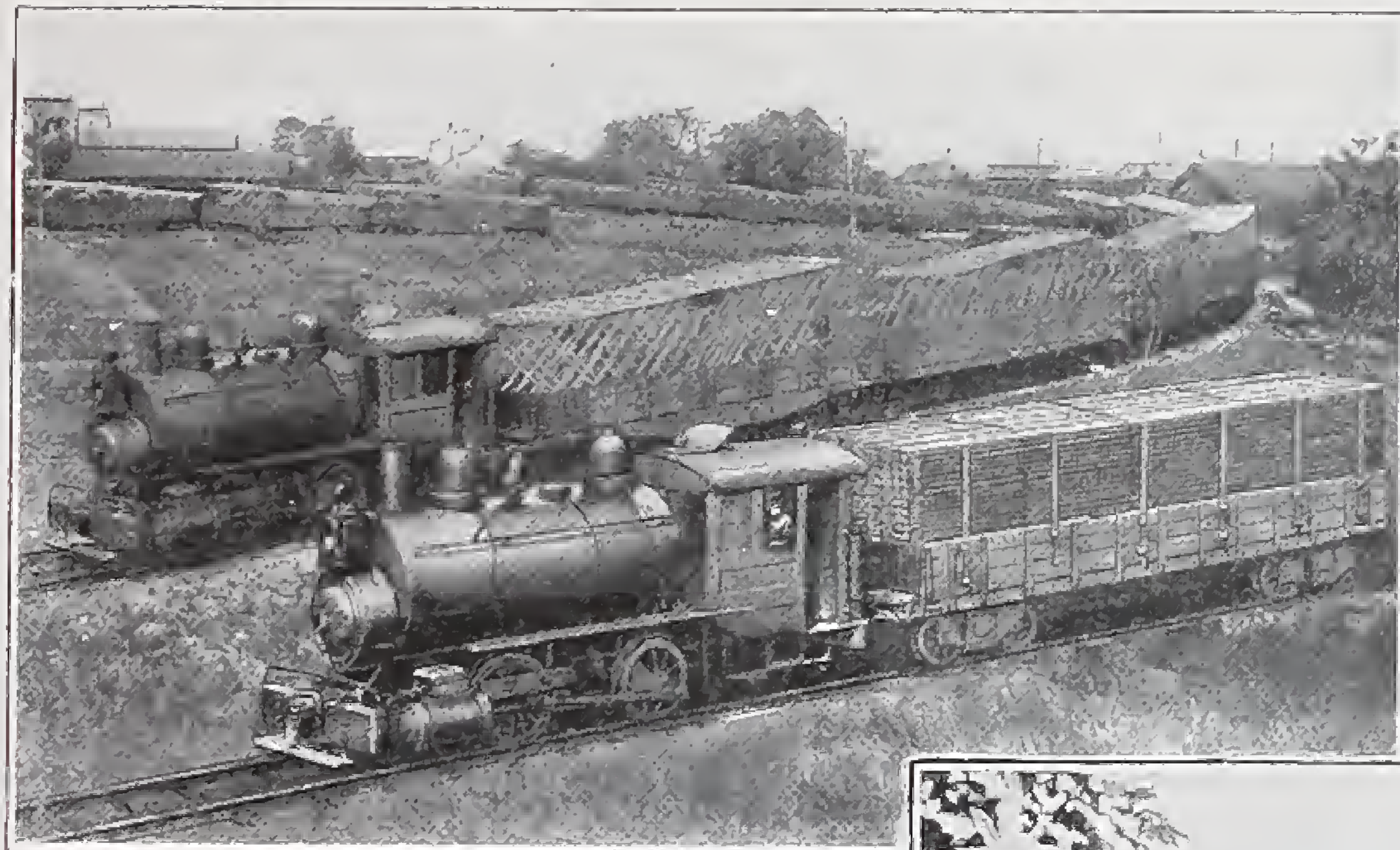


RADIO TOWERS

TRAFFIC-MISSION TOWERS

LATTICED POLES





#### SHIPMENT

Prompt from stock, and in compact form as shown by car in foreground. Contrast train in background carrying conventional trusses.



#### ERECTION

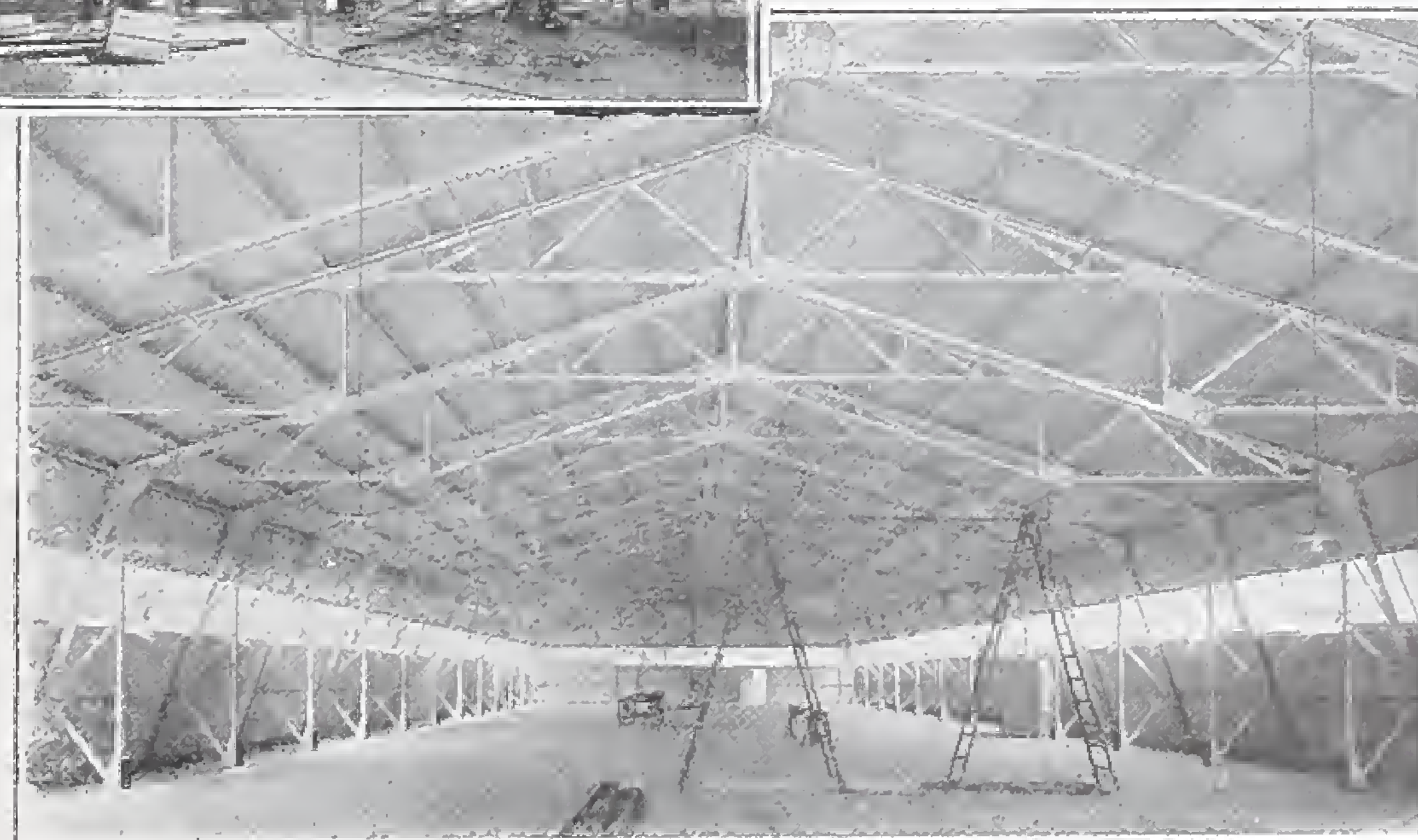
A Gin Pole and a few Wrenches.

**MILLIKEN BROTHERS MFG. CO., INC.**  
WOOLWORTH BUILDING, NEW YORK  
CABLE ADDRESS: MILLIKBROS, NEW YORK

# MILLIKEN BUILDINGS

STANDARDIZED BUILDINGS  
OF  
STRUCTURAL STEEL  
SKELETON FRAME CONSTRUCTION

MADE OF UNIT PARTS  
ON THE  
STANDARDIZED TRUSS UNIT SYSTEM  
(Patented)



#### COMPLETION

Clear span—free floor space.





## MILLIKEN BUILDINGS

Shipped  
from  
Stock

# SOME PROMINENT USERS OF MILLIKEN BUILDINGS

## IN U. S. A.

U. S. Government Arsenal Stations—265 Buildings.

Atlas Portland Cement Co., Leeds, Ala.

American System of Reinforcing, Los Angeles, Calif.  
San Pedro Iron Works, Los Angeles, “  
Shell Co. of California, San Jose, “

Yale & Towne Mfg. Co., Stamford, Conn.

Prest-O-Lite Co., Inc., Indianapolis, Ind.

Eastern Mfg. Co., South Brewer & Lincoln, Maine.

Canton Company, Baltimore, Md.

Boston & Lockport Block Co., East Boston, Mass.

Frost Gear & Forge Co., Jackson, Mich.

United Drug Co., St. Louis, Missouri.

Pacific Portland Cement Co., Gerlach, Nevada.

N. Y. Oil Storage & Transfer Co., Elizabeth, N. J.  
Barber Asphalt Paving Co., Maurer, “ “  
Benjamin Moore & Co., Carteret, “ “  
National Chain Co., Belleville, “ “  
National Radiator Co., Trenton, “ “  
Ohio Chemical Co., Hoboken, “ “  
C. Pardee Works, Perth Amboy, “ “  
Warner Chemical Co., Carteret, “ “

American Locomotive Co., Schenectady, N. Y.  
New York Trap Rock Corporation, Peekskill, “ “  
Oneida Community, Ltd., Sherrill, “ “  
Tottenville Copper Co., Tottenville, “ “

Nestlé's Food Company, Sunbury, Ohio.

Locust Mountain Coal Co., Shenandoah, Pa.  
Mapele Silk Mfg. Co., Alburdis, “  
Frank F. Matheson Co., Wilkes-Barre, “  
Packer Silk Mill, Leighton, “

Pacolet Mfg. Co., Pacolet, South Carolina.

Consumers Cotton Oil Mill, Brownwood, Texas.  
Deepwater Oil Refineries, Houston, “  
International & Great Northern Ry., Houston, “

Pacific Telephone & Telegraph Co., Aberdeen, Wash.

General Porcelain Co., Parkersburg, W. Va.

Marathon Paper Mills Co., Rothschild, Wisc.  
Matthews Brothers Mfg. Co., Milwaukee, “

## IN OTHER COUNTRIES

J. I. Case Threshing Machine Co., Bahia Blanca, Argentina.

Government of Brazil, Fortaleza, Ceará, Brazil.  
Government of Brazil, Santos, Brazil—40 Buildings  
for Army Barracks.  
Government of Brazil, Santos, Brazil—25 Buildings  
for Coffee Storage.

International Products Co., Colombia, S. A.

Central Algodones, Guayacanes, Cuba.  
Central Baguanos, Cueto, “  
Central Belona, Guantanamo, “  
Central Habana, Hoyo Colorado, “  
Central Lincoln, Artemisa, “  
Central La Francia, Los Palacios, “  
Central Los Palacios, Los Palacios, “  
Independent Fruit Co., Artemisa, “  
Rafael Montalvo, Havana, “

Dominican Central Railway, Puerto Plata, Dominican Republic.

Samana & Santiago Railway, Sanchez, Dominican Republic.

Yngenio Santa Fe C por A, San Pedro de Macoris, Dominican Republic.

Government of Dutch East Indies, Island of Java—20 Buildings.

Guiana Development Co., St. Laurent, French Guiana.

Agencia Maritima Nacional, Ltda., San José, Guatemala.

W. R. Grace & Co., Coatepeque, Guatemala.

Logwood Manufacturing Co., Grande Riviere de Nord, Haiti, W. I.

Frazar & Co., Tokyo, Yokohama and Otaru, Japan—107 Buildings.

Suzuki & Co., Kobe, Tokyo and Yokohama, Japan—49 Buildings.

Uchida & Co., Yokohama, Japan—3 Buildings.  
Nakashima Machinery Works, Osaka, Japan.

American Palestine Trading Co., Haifa, Palestine.  
American Palestine Co., Jaffa, “

Government of the Philippine Islands, Manila, P. I.

F. Carreras, San Juan, Porto Rico.  
E. C. De Hostos & Hno., San Juan, “ “  
Merino, Rodriguez & Hnos., San Juan, “ “  
A. G. Mehrhof, San Juan, “ “  
F. Benitez Rexach, San Juan, “ “  
Luis Rexach, San Juan, “ “

Huttenbach, Lazarus & Sons, Ltd., Singapore & Penang, Straits Settlements.

Standard Oil Co. of N. Y., Tripoli, Alexandretta & Beirut, Syria.

Dilsizian Brothers, Constantinople, Turkey—43 Buildings.

Standard Commercial Export & Finance Corp'n, Constantinople, Turkey.

Asiatic Petroleum Co., San Lorenzo, Venezuela.  
Caribbean Petroleum Co., San Lorenzo, “  
Frey & Co., Valencia, “

John P. Felt, Duala, Kamerun, West Africa.



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## THE ADVANTAGES OF STANDARDIZED BUILDING CONSTRUCTION

**M**ODERN industrial development has brought about a general recognition of the value and advantages of standardized building construction. Standardization of buildings means quantity production and low manufacturing costs, quick shipments of material, the saving of valuable time ordinarily required for the preparation of plans and specifications, and a minimum of expense throughout every feature of the work. Through the economies thus effected the purchaser is afforded the greatest value in building construction.

Perfect methods of standardization make possible the purchase of a building directly from a printed description, and this catalog is issued with one main point in mind—that *the intending purchaser may select right from this book a building of the design, dimensions and details to meet his requirements*, thus saving the time, trouble and expense of having a building specially designed and fabricated. *It is the modern way.*

The following pages set forth detailed information and illustrations regarding MILLIKEN BUILDINGS, giving dimensions, sash and door arrangements, prices, shipping

weights, etc., so that the purchaser may see at once just what he is ordering. Complete details of construction for every feature of foundation and erection are amplified in the "Erection Handbook," Catalog No. 19, which will be sent on request, either before or after the order is placed. There is nothing to delay the work from beginning to end; prompt execution of order and service are assured.

The STANDARDIZED TRUSS UNIT SYSTEM, which is the basis of the structural steel work of the MILLIKEN BUILDINGS, has found decided favor for Government buildings, where demands are exacting, and hundreds of one-story buildings, with clear-span roof trusses as described in this book, have been erected for this character of service.

The MILLIKEN BUILDINGS have been developed by manufacturers established since 1857, affording the purchaser a guarantee that *the building will be in strict accordance with the specifications and data set forth in this catalog, with first-class material and workmanship throughout.*

MILLIKEN  
BUILDINGS

—  
Erected  
in a  
Week



MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



STRUCTURAL STEEL SKELETON FRAMEWORK OF A STANDARD MILLIKEN BUILDING TYPE 6VI  
SHOWING STANDARDIZED TRUSS UNIT SYSTEM OF CONSTRUCTION



# THE STANDARDIZED TRUSS UNIT SYSTEM

**T**HE Standardized Truss Unit System (patented), which is the basis of the MILLIKEN BUILDINGS, is the answer to the demand for a steel construction that can be built up to many requirements of size and shape by means of a small common Unit.

This system has been developed by engineers who have had the experience of many years in designing and manufacturing steel industrial buildings, and who have produced a construction that is unequalled for simplicity and flexibility.

## PRINCIPLE OF DESIGN

The trusses and columns of the Standardized Truss Unit System are composed of triangular Units, easily and quickly bolted together in many different combinations.

The Unit, as shown by the illustration on this page, is of convenient size, built of standard rolled structural steel shapes and plates, and is complete in itself. The method of fabrication insures the accuracy of the Units, and whether they are used as parts of columns or trusses they will be found *alike and interchangeable*.

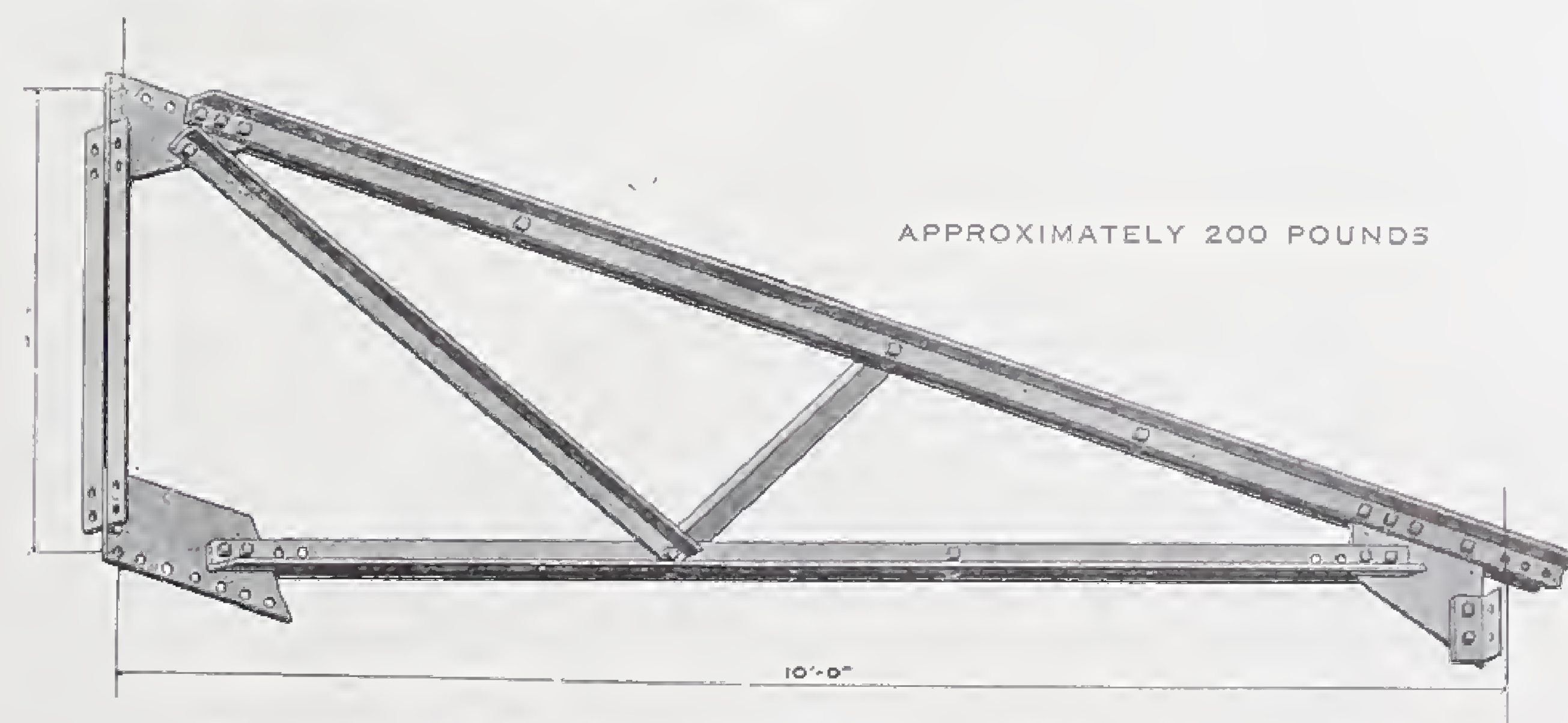
This construction stands alone and should not be confused with "ready-built" or "sectional" buildings, which are usually of a temporary character. The Standardized Truss Unit construction is flexible in dimensions and of a permanent nature. Should it be necessary later to dismantle or remove any building, this can easily be done and the Unit parts used without loss in other buildings of entirely different character.

## SIZE AND ADAPTABILITY

The standardized dimensions of the triangular Unit are 10 feet long and 3 feet 4 inches high, which makes possible a large number of combinations both ways, to afford suitable height and width. The articulated character of the Standardized Truss Unit System, obtained by bolting together uniform sections, is a feature to be kept in mind. It is this feature which adapts the construction to all sorts of buildings, large and small.

This system also includes all necessary auxiliary members, such as roof purlins, siding girts, bracing struts and rods, sag rods, door and window framing, bolts, etc., to make up a *complete steel skeleton frame structure*, as shown on opposite page.

Bear in mind that the Standardized Truss Unit System produces *structural steel buildings* that are really portable, that are really flexible, and whose parts are really interchangeable. It is the last word in standardization of industrial building construction.



TYPICAL UNIT—STANDARDIZED TRUSS UNIT SYSTEM

MILLIKEN  
BUILDINGS

Erected  
in a  
Week



## MILLIKEN BUILDINGS

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### ACCURACY IN SHOP WORK—ECONOMY IN SHIPMENTS

In the production of the Standardized Truss Unit, shop operations are to fixed gauge and steel templates. This guarantees absolute correctness of dimensions, and insures the greatest speed and efficiency in assembling, bolting and erecting. There are no "misfits," nor any expensive errors to correct in the field.

The Standardized Truss Unit System conserves railroad facilities; it makes compact loads and thus utilizes the maximum capacity of cars, which is not the case in the loading of structural steel of conventional design. All material is shipped "knocked-down," small parts packed in bundles, boxes or kegs of convenient size for ready handling. This not only economizes space, but reduces materially the cost of freight transportation.

There is the same measure of economy for export shipment. The material stows in a minimum of cargo space; no special loading provisions and no heavy hoisting machinery are required—simply common labor for the "knocked-down" parts and bundles, the heaviest of which may be quickly handled by one or two men in loading and unloading.

### AS APPLIED TO MILLIKEN BUILDINGS

The cross-sections shown on the following three pages—7, 8 and 9—illustrate strikingly a considerable number of the many combinations that can be made from the Standardized Truss Unit. In order to meet the most general

demands, we have standardized and listed in this catalog a complete series of MILLIKEN BUILDINGS developed on the types shown on page 7.

The buildings with sloping side walls are made in heights of 11 feet and 21 feet. The buildings with vertical side walls are made in heights of 11, 14, 17 and 21 feet.

All of these buildings are furnished in roof widths of 20, 40 and 60 feet. These widths represent the roof spans of all buildings, whether with vertical columns and vertical side walls, or with Unit columns and sloping side walls.

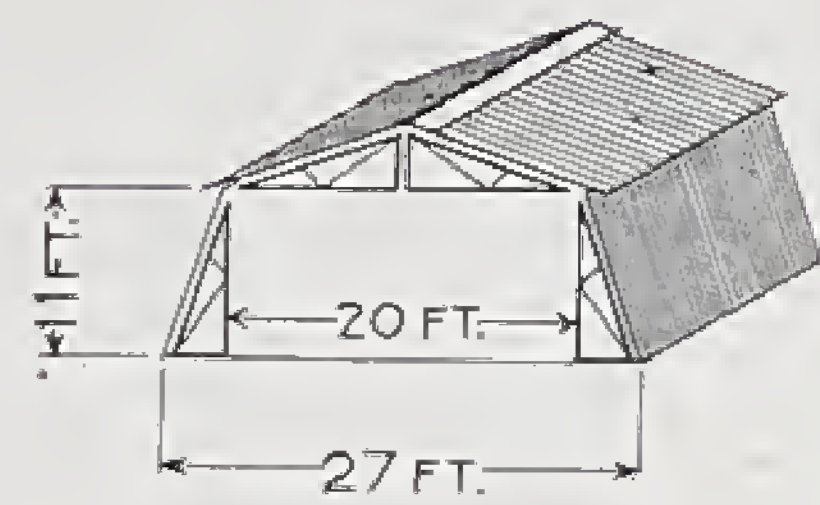
The buildings with vertical columns and vertical walls have floor widths equal to the roof spans, viz., 20, 40 and 60 feet respectively.

The buildings with sloping side walls have much greater available floor widths due to the widening of the side walls occasioned by the use of the triangular Unit columns. The single Unit height buildings (11 feet high), with sloping side walls, have floor widths of 27 feet, 47 feet and 67 feet, respectively. The double Unit height buildings (21 feet high), with sloping side walls, have floor widths of 34 feet, 54 feet and 74 feet, respectively.

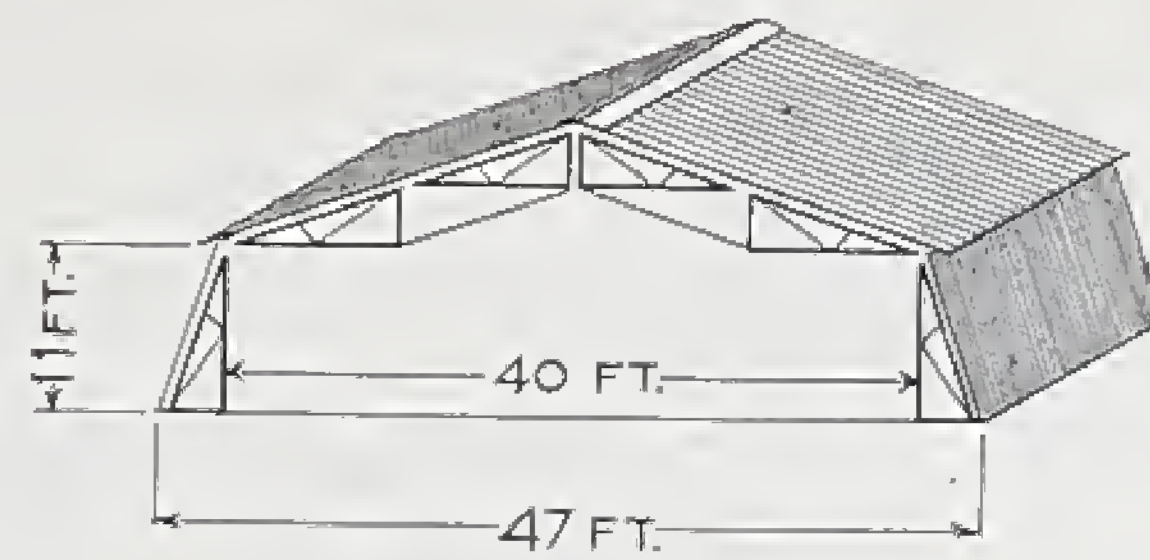
Lengthwise, the buildings are standardized on the basis of 20-foot panels, so that buildings can be furnished in any multiples of this length, such as 20, 40, 60, 80, 100 feet and so on.

*All buildings up to 60 feet in width are furnished with single-span roof trusses and without interior columns, thus providing a free, clear floor space throughout.*





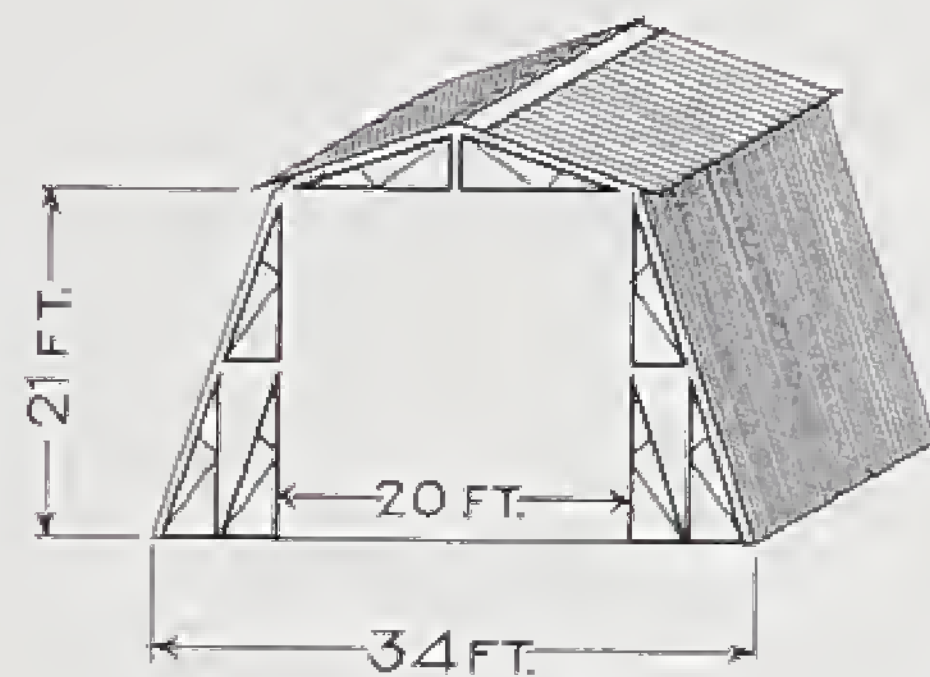
TYPE 2S1



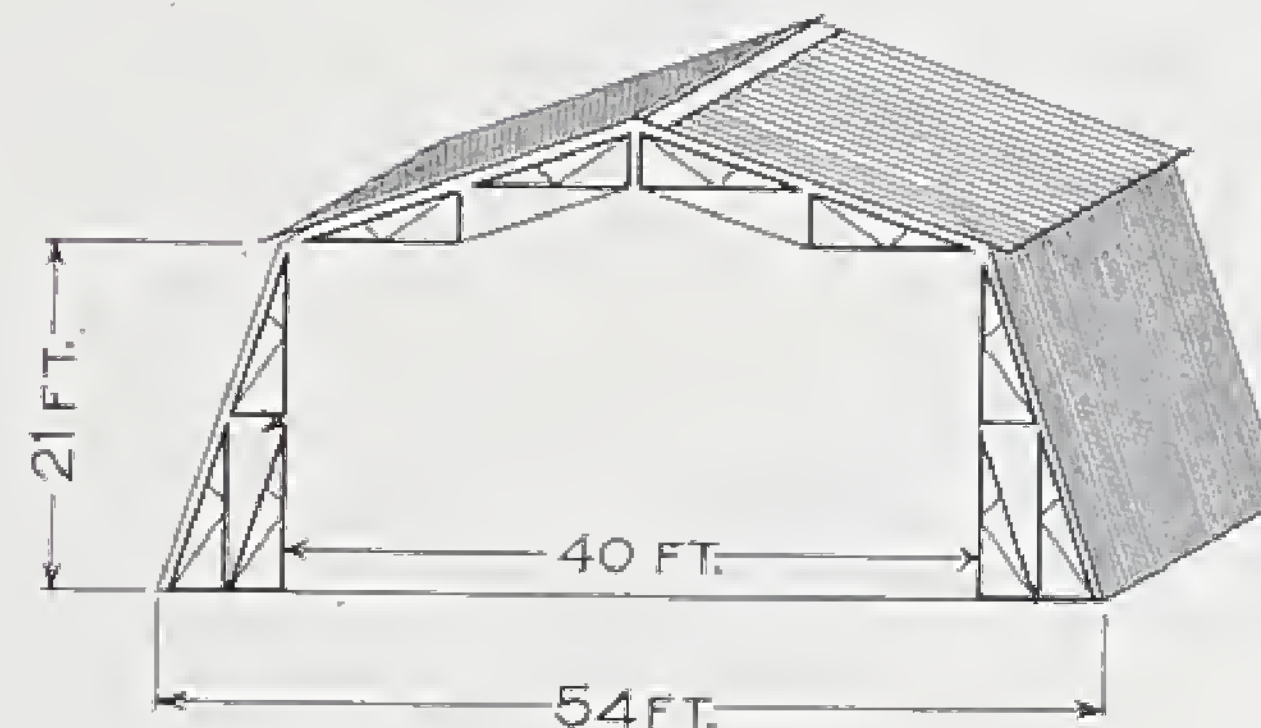
TYPE 4S1



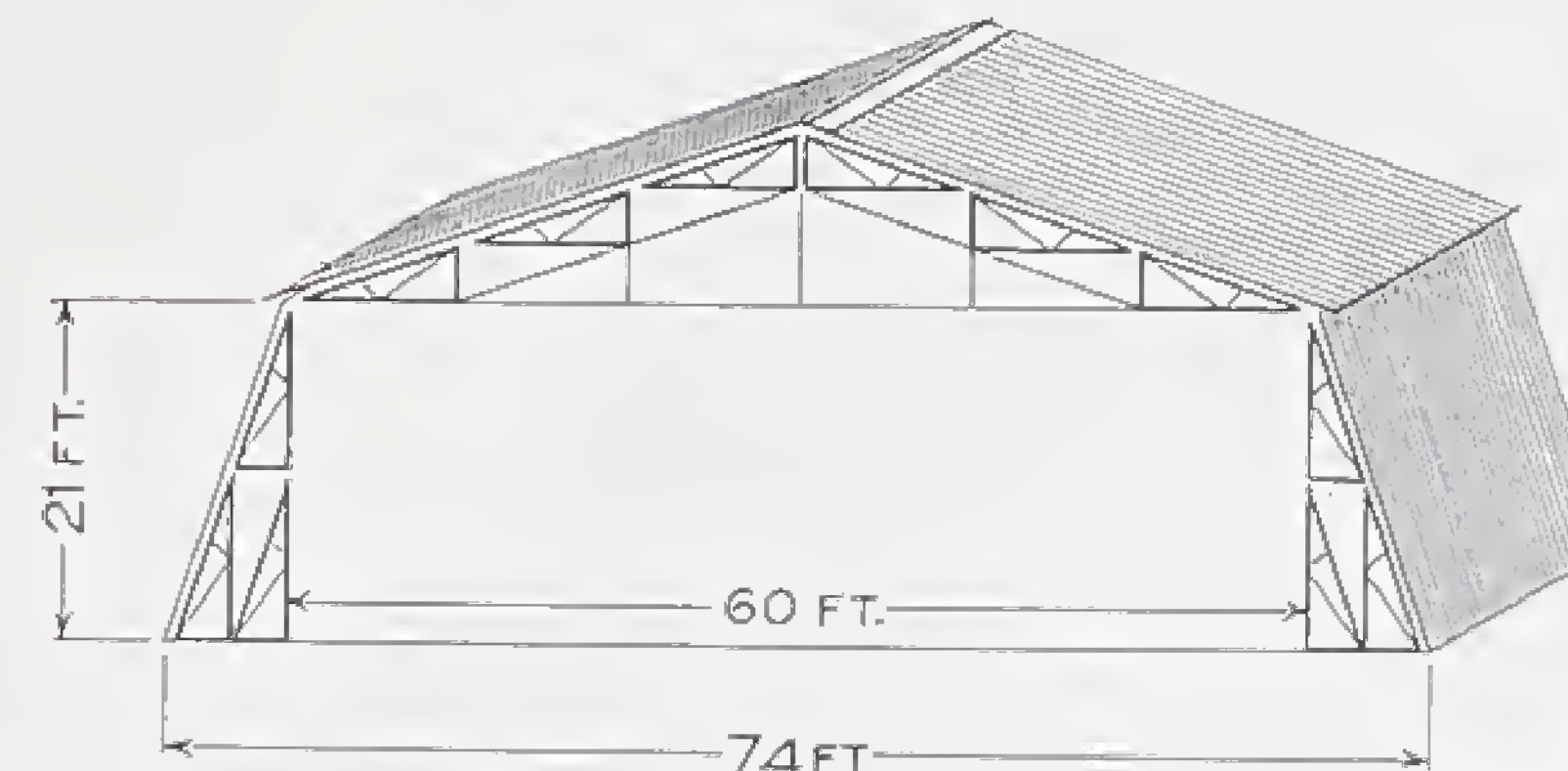
TYPE 6S1



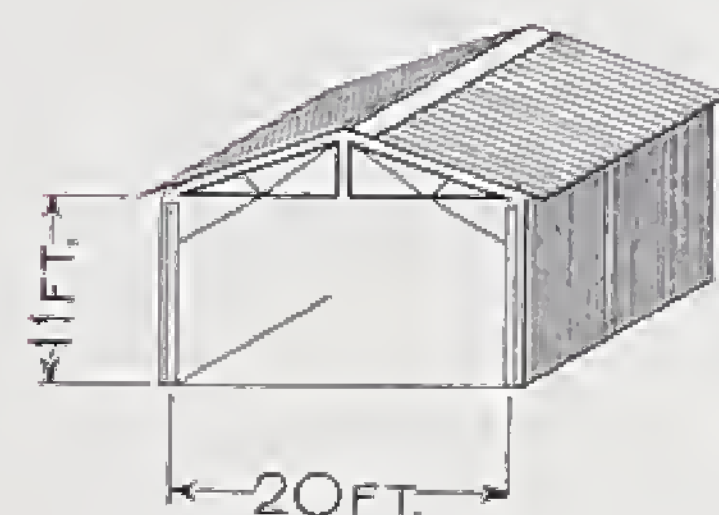
TYPE 2S2



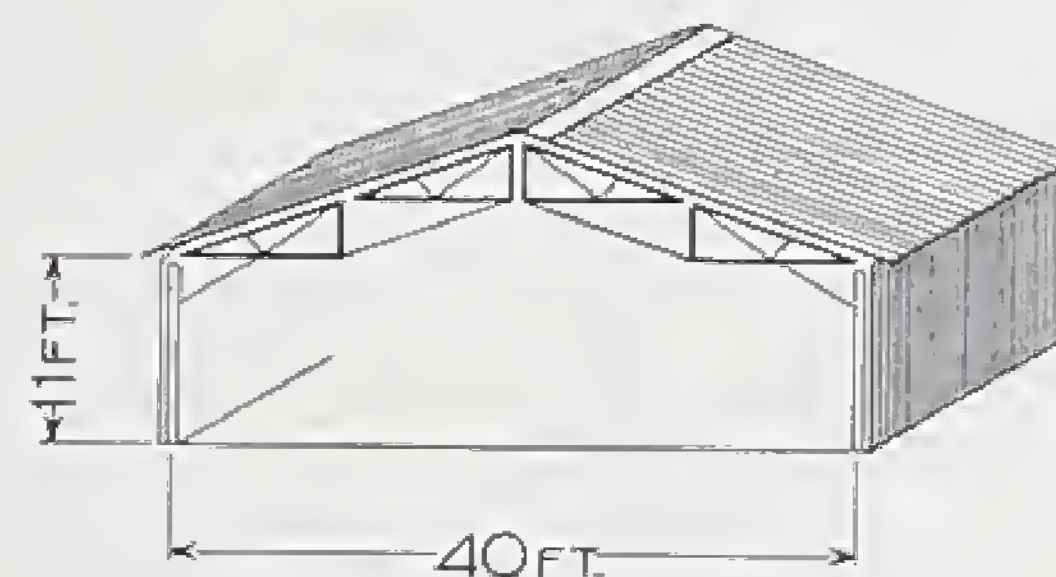
TYPE 4S2



TYPE 6S2



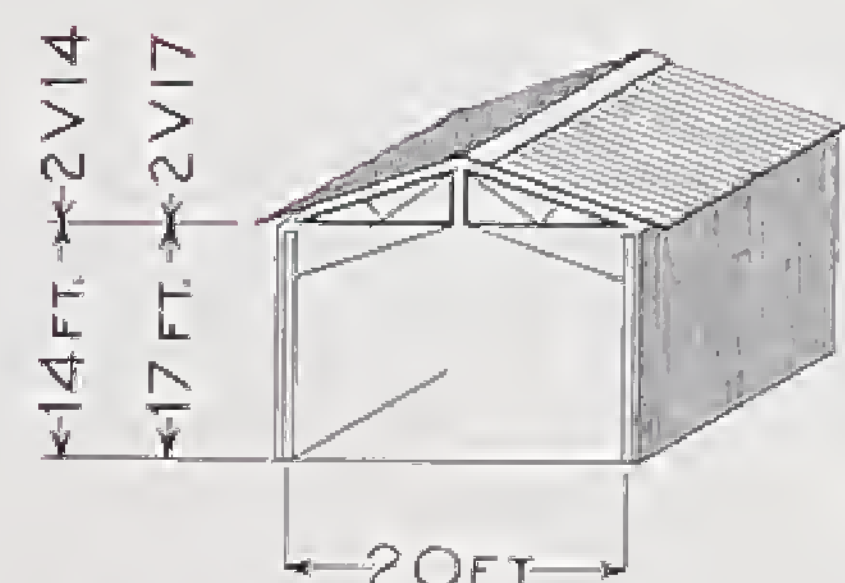
TYPE 2V1



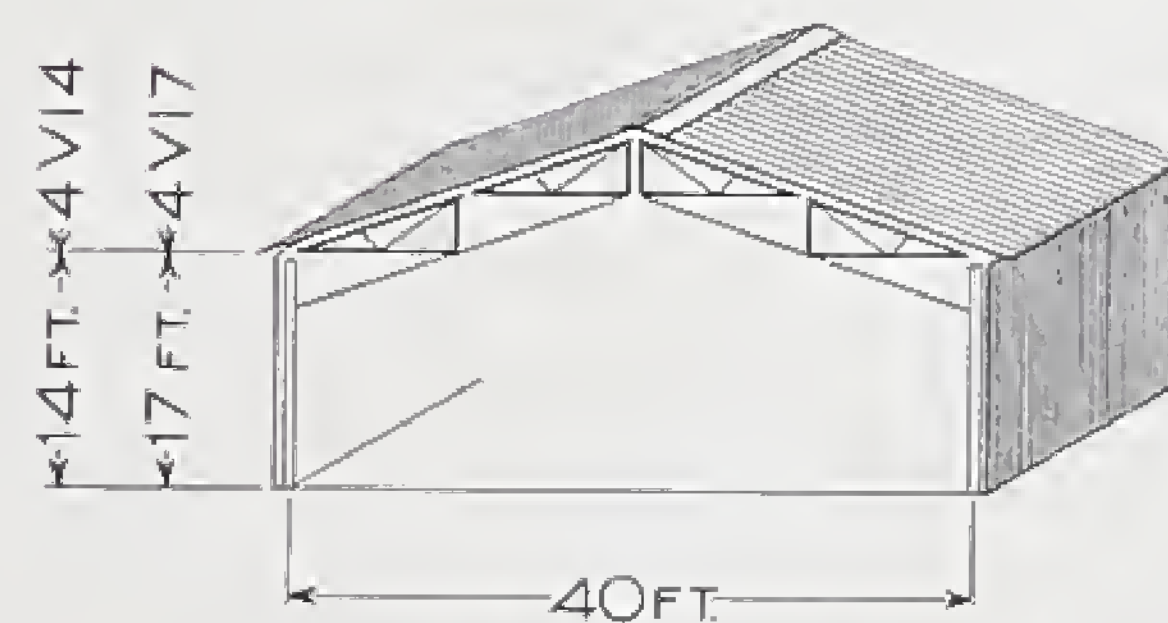
TYPE 4V1



TYPE 6V1



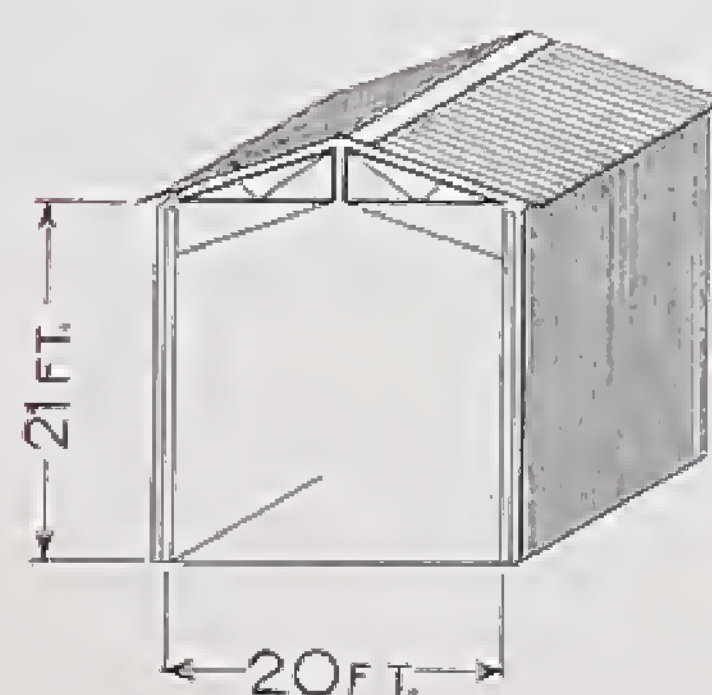
TYPES 2V14 & 2V17



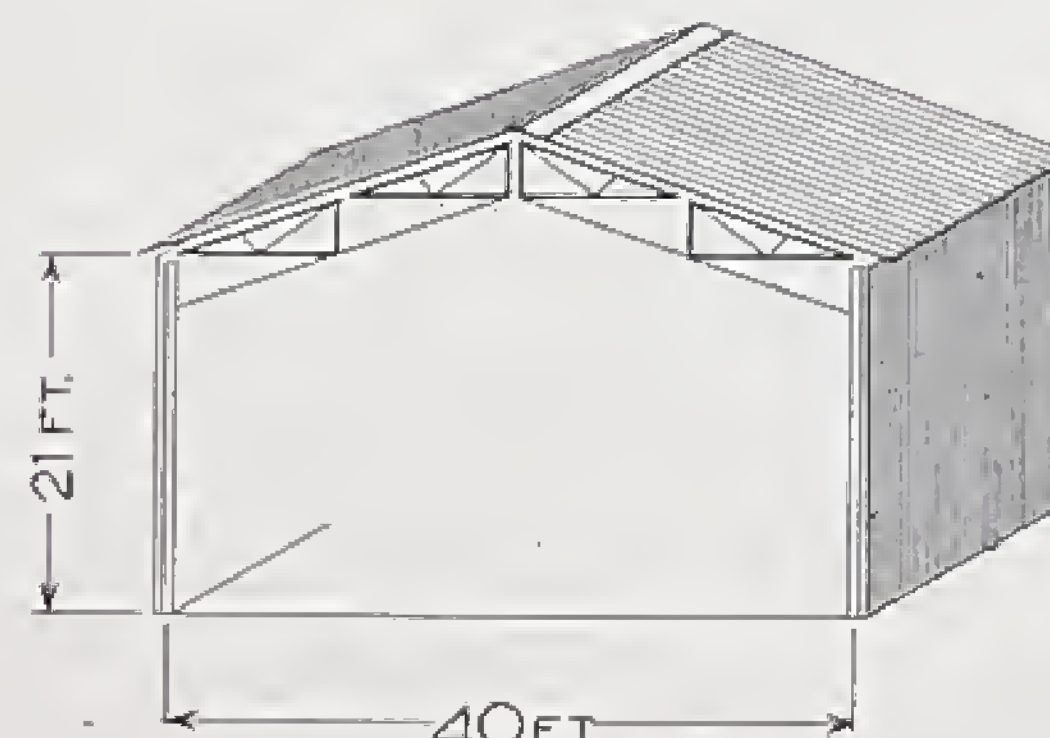
TYPES 4V14 & 4V17



TYPES 6V14 & 6V17



TYPE 2V2



TYPE 4V2



TYPE 6V2

**MILLIKEN  
BUILDINGS**

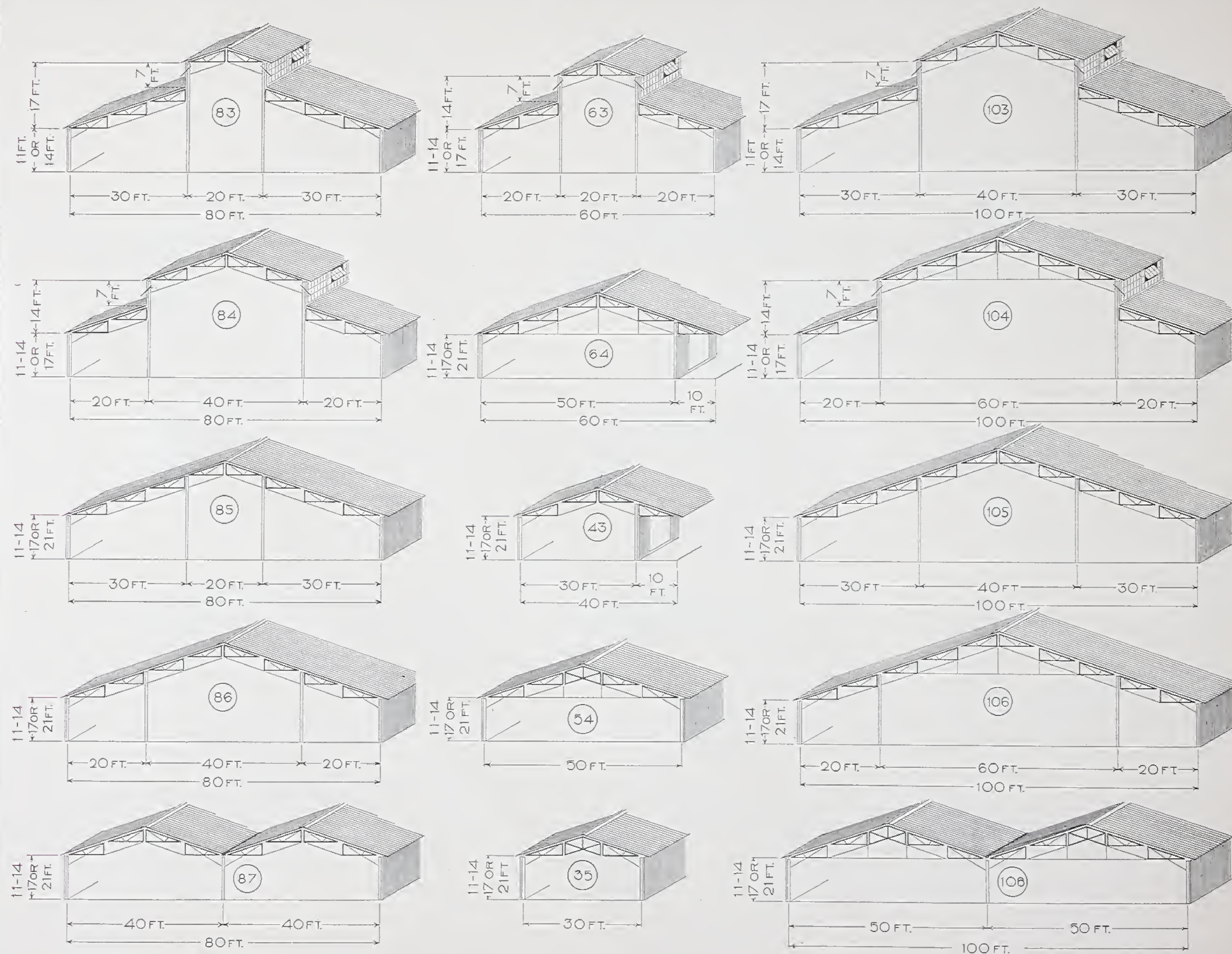
Erected  
in a  
Week

CROSS-SECTIONS OF STANDARD TYPES OF MILLIKEN BUILDINGS LISTED ON PAGES 12 TO 29 INCLUSIVE  
For exact outside lengths and widths of buildings see page 53.



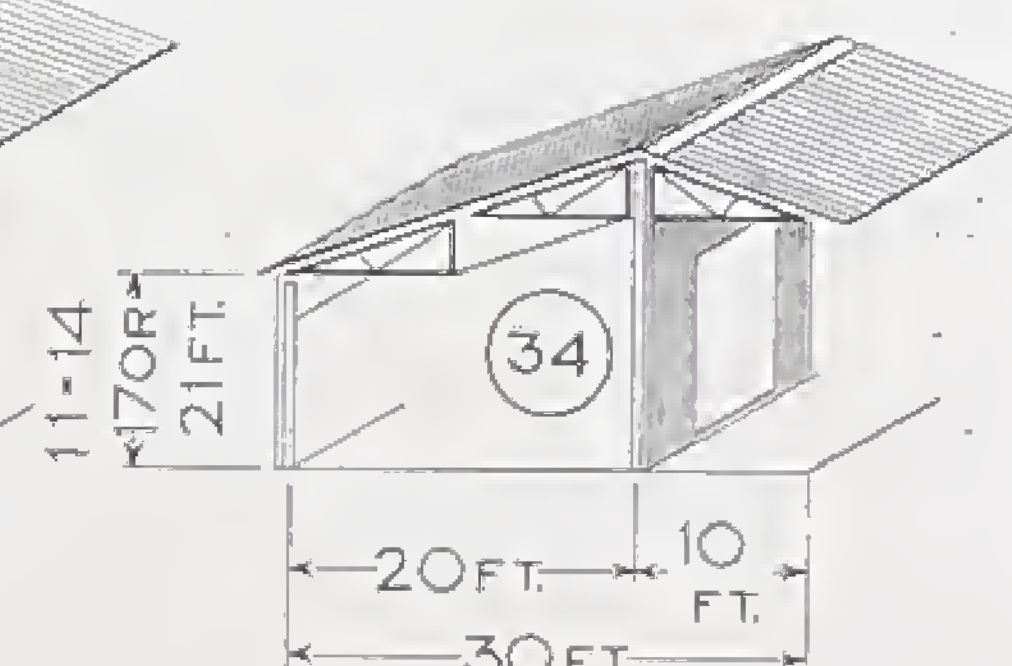
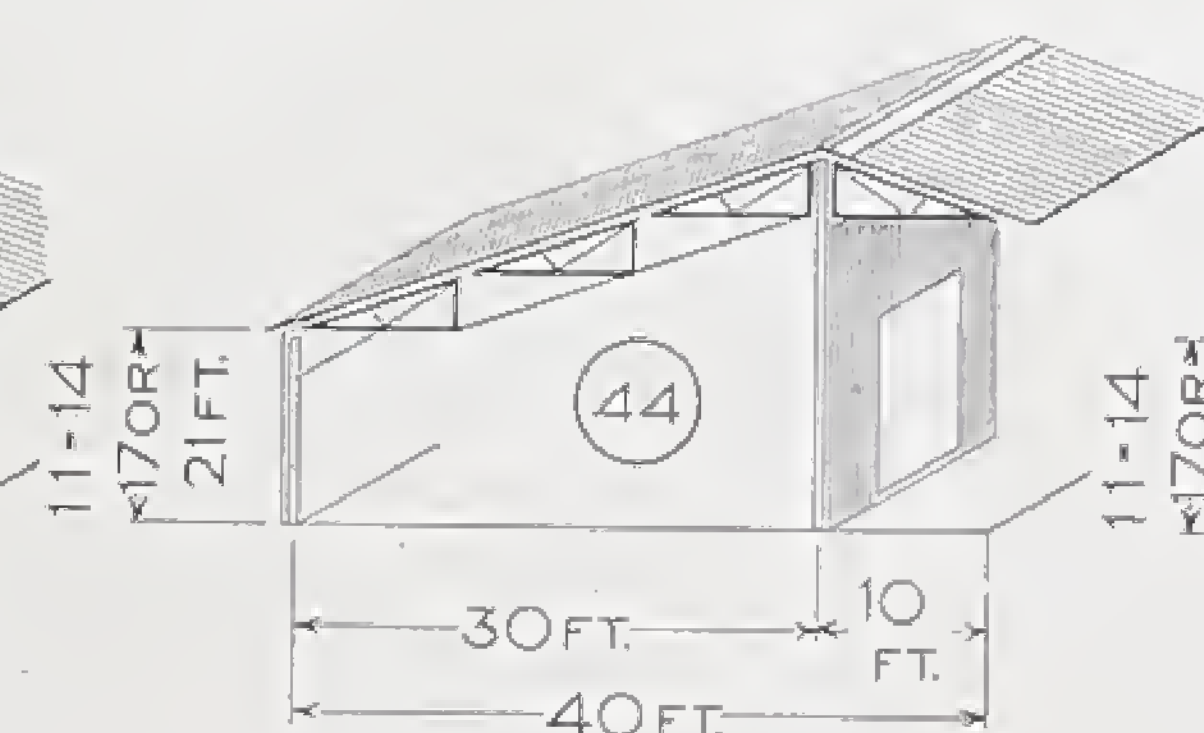
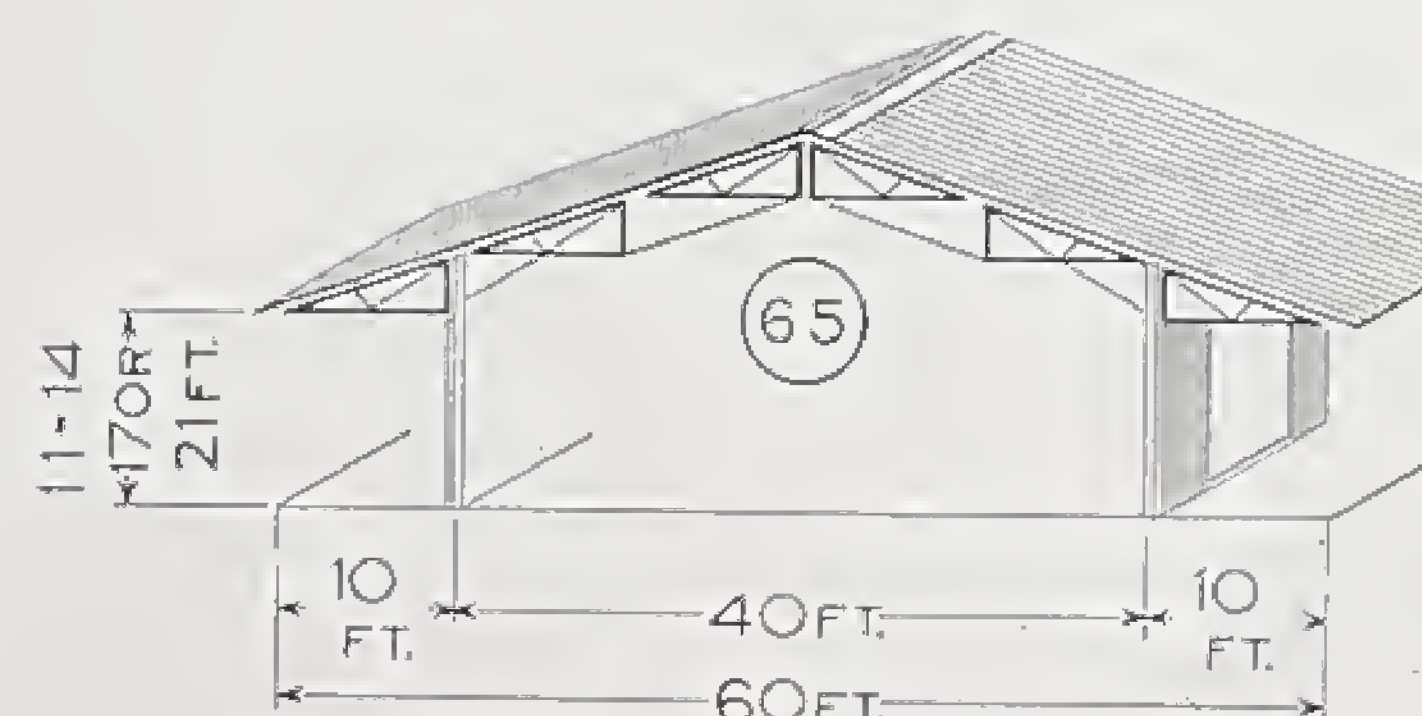
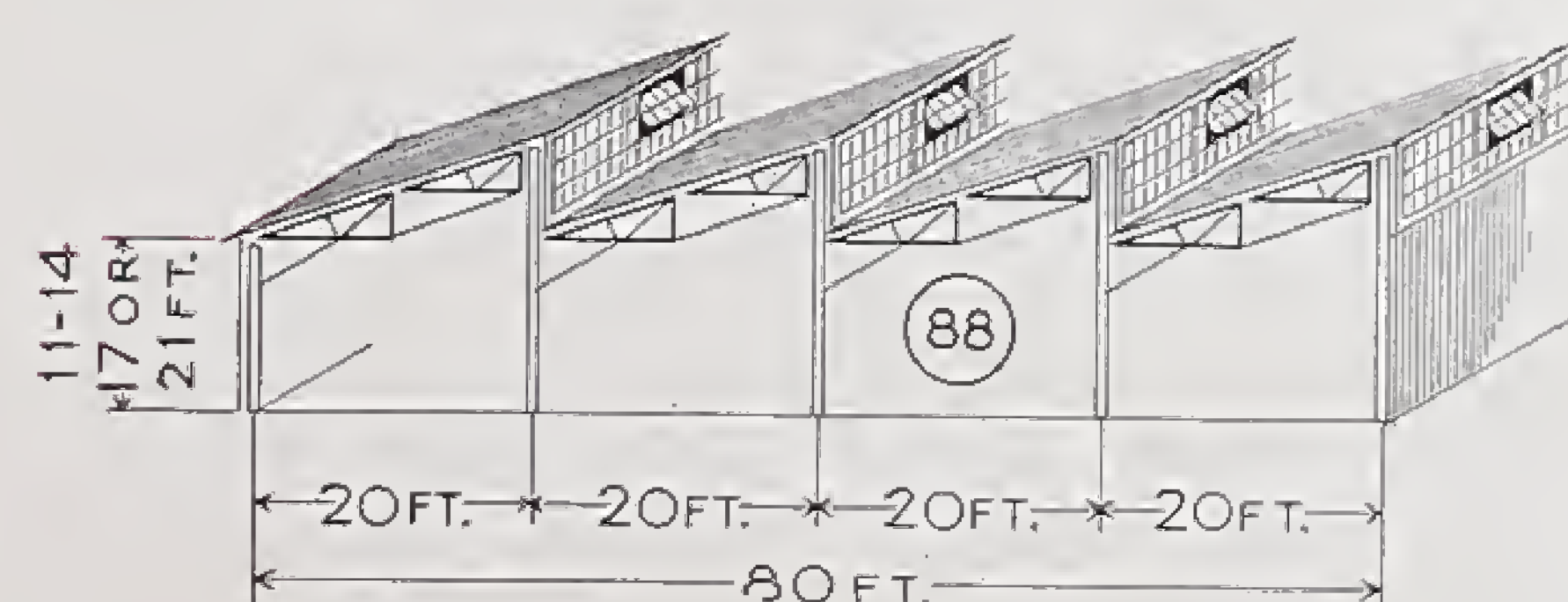
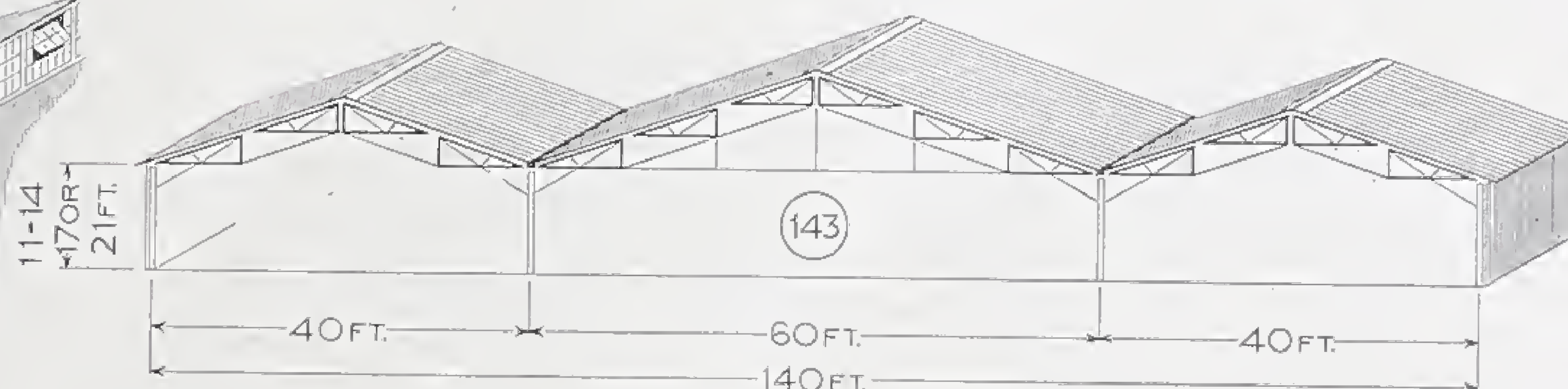
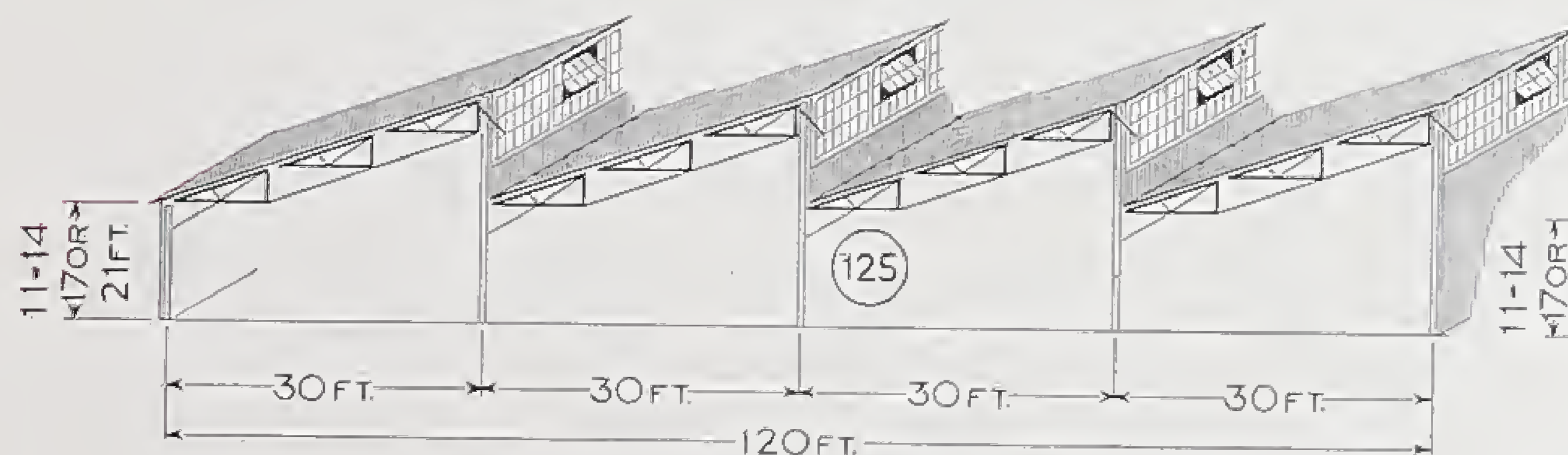
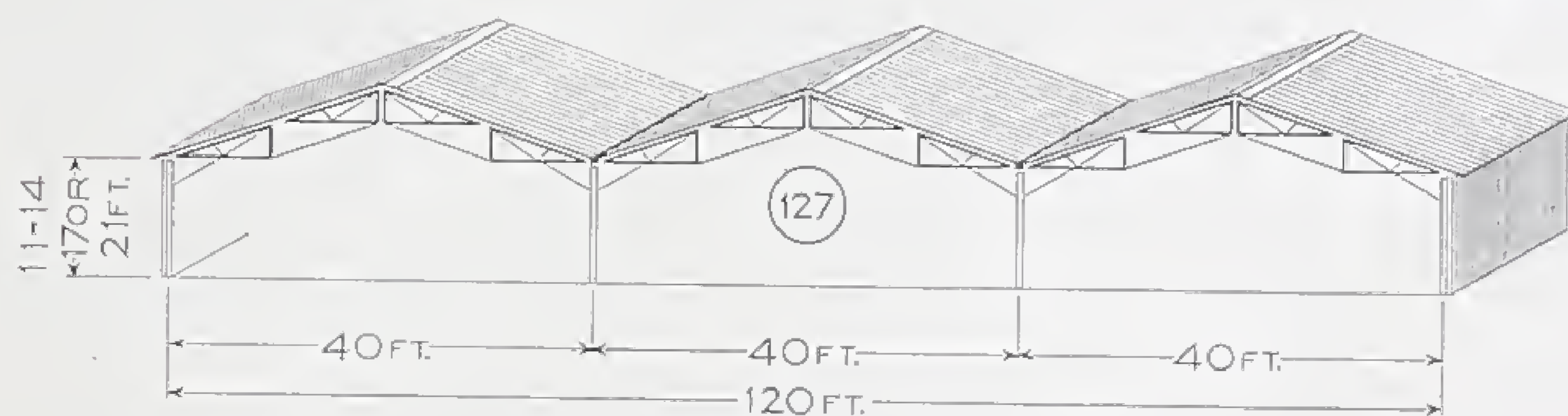
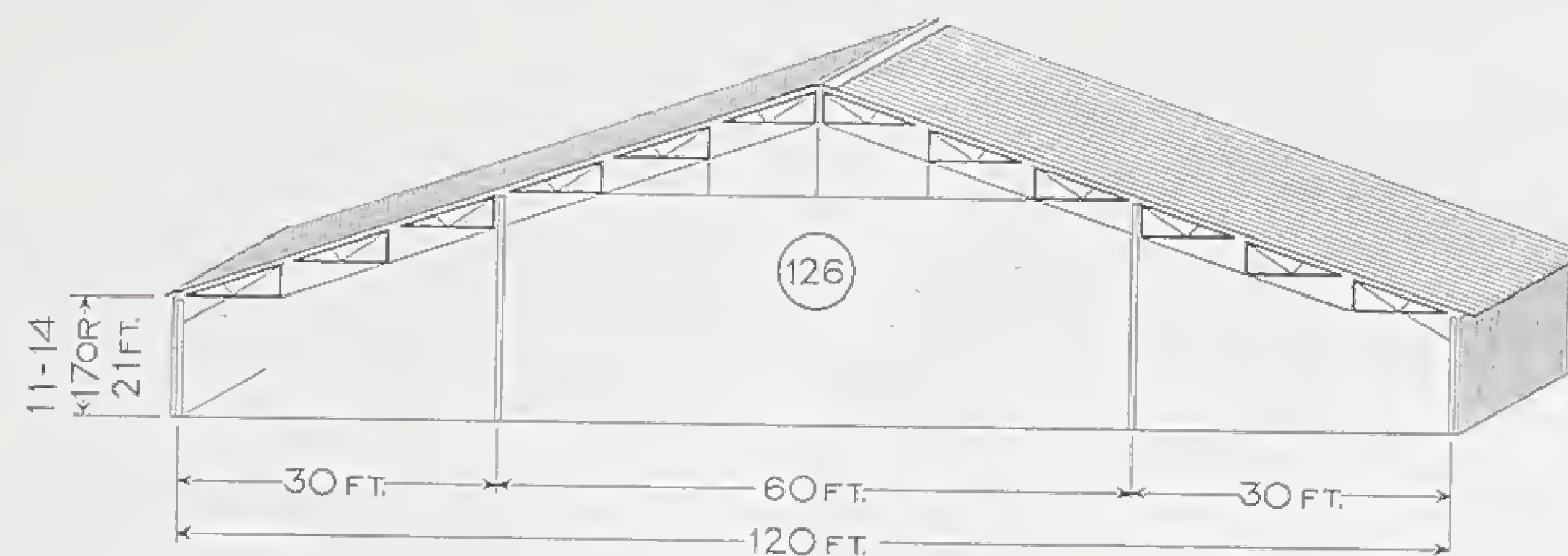
# MILLIKEN BUILDINGS

Shipped  
from  
Stock



CROSS-SECTIONS SHOWING VARIOUS TYPES OF MILLIKEN BUILDINGS WHICH CAN BE CONSTRUCTED ON THE STANDARDIZED TRUSS UNIT SYSTEM





# MILLIKEN BUILDINGS

Erected  
in a  
Week

CROSS-SECTIONS SHOWING VARIOUS TYPES OF MILLIKEN BUILDINGS WHICH CAN  
BE CONSTRUCTED ON THE STANDARDIZED TRUSS UNIT SYSTEM

These dimensions are nominal—see note on page 53.



## MILLIKEN BUILDINGS

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# WHAT ARE MILLIKEN BUILDINGS?



MILLIKEN BUILDINGS may be best described as standardized buildings constructed with a structural steel skeleton framework on the Standardized Truss Unit System (patented). This system of construction is fully described on the foregoing pages.

The structural steel work, together with the enclosure and furnishings of MILLIKEN BUILDINGS, have all been designed with the utmost simplicity to insure ease and rapidity of erection by local labor. All connections are bolted, and the individual members are of such size and weight that every piece can easily be carried by two men.

MILLIKEN BUILDINGS are designed to withstand a wind pressure equivalent to an indicated velocity of 100 miles per hour, or a snow load of 25 pounds per square foot accompanied by an indicated wind velocity of 60 miles per hour. The roof trusses and columns are sufficient to support light line-shafting or overhead trolley loads when attached adjacent to connection joints.

### LISTED TYPES OF BUILDINGS

Specifications, illustrations and prices of various types of MILLIKEN BUILDINGS will be found on pages 12 to 29, inclusive. These afford a choice of many hundreds of buildings from which selections can be readily made to meet a wide variety of needs.

The listed types of MILLIKEN BUILDINGS, as specified on the pages stated, are complete, all-steel buildings. Each building includes the structural steel framework, together with a complete enclosure of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets, and complete equipment of steel sash, doors, skylights and finishing trim, as specified.

Each Type and Style of building is clearly specified and illustrated, and the purchaser will have no difficulty in selecting the buildings he desires.

### STANDARD SPECIFICATIONS

The enclosure of complete all-steel MILLIKEN BUILDINGS consists of standard heavy gauge corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets, as ordered, with various arrangements of steel sash, doors and skylights to meet different needs. All buildings are furnished with heavy galvanized steel gutters and leaders, flashing, trim, etc., complete.

STEEL SKYLIGHTS are of standard galvanized steel construction, 5 feet 2 inches by 5 feet 3 inches, complete with cap bars and flashing, and designed to receive stock widths of glass.

STEEL SASH are of solid bar type, designed to receive stock sizes of glass. All sash are 6 feet 2 inches wide by 4 feet 8 inches high. Continuous sash comprise three sash to each 20-foot panel, connected with mullion plates, the center sash in each bay being stationary. All other sash throughout have pivoted ventilating sections 4 feet by 3 feet, provided with hand chains for opening, closing and locking.

STEEL DOORS are of simple, strong construction, designed to give real service. Small entrance doors, N3, 3 feet by 7 feet, on ends of buildings, are paneled steel doors, hinged type, with locks. All other doors are of the sliding type, made of structural and corrugated steel, with heavy track, hangers and guides complete. The standard End Wall Doors, N8, are 9 feet wide by 10 feet high.

It will be noted on the following pages that Side Wall Doors for MILLIKEN BUILDINGS are priced separately. These doors are included in 20-foot Side Door Panels, are interchangeable with standard Side Wall Panels, and can therefore be placed as desired when erecting the building.



## SPECIAL FEATURES

The standard equipment of the MILLIKEN BUILDINGS as listed will meet the general demands for buildings of this character. The construction, however, will permit the addition or substitution of certain "Special Furnishings" when so required. These are described and priced on Page 36, and comprise three different means for obtaining additional roof ventilation, as well as a special "All-Steel" foundation for Unit columns, making concrete or timber foundations unnecessary.

SPECIAL DOORS of sizes not listed will be furnished to meet requirements at a reasonable additional price.

## STRUCTURAL STEEL FRAMEWORK

The structural steel framework of the MILLIKEN BUILDINGS will permit the use of numerous other materials for the enclosure instead of corrugated steel. The roofs of the buildings can be covered with corrugated asbestos protected metal, or wood boarding covered with selected composition, slate, tin or other material. The sides and ends of the buildings can be enclosed with metal lath and cement stucco, concrete blocks, hollow tile, brick or stonework.

**MILLIKEN  
BUILDINGS**

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in a  
Week**

## WIDE RANGE OF SERVICE

MILLIKEN BUILDINGS are designed to meet a wide range of industrial service. Some of the many uses for which the buildings are particularly adapted are as follows:

Aeroplane Sheds	Dairies	Garages	Machine Shops	Railroad Stations
Agricultural Buildings	Dormitories	Godowns	Manufacturing Buildings	Repair Shops
Armory Buildings	Drill Halls	Grain Storage	Moulding Shops	Saw Mills
Barracks	Dye Factories	Grinding Mills	Moving Picture Theaters	Shipyard Buildings
Boat Houses	Engine Rooms	Gymnasiums	Oil Buildings	Shop Buildings
Boiler Houses	Exposition Buildings	Hangars	Paint Mills	Storehouses
Car Barns	Factories	Heat Treat Buildings	Paper Warehouses	Sugar Warehouses
Cement Storehouses	Flour Mills	Hospitals	Pattern Storage	Textile Mills
Chemical Plants	Forge Shops	Kiln Buildings	Pier Sheds	Tobacco Warehouses
Cinema Theaters	Foundries	Laboratories	Power Houses	Train Sheds
Community Houses	Freight Sheds	Laundries	Pump Houses	Warehouses
Cotton Mills				Workshops
Cotton Oil Storage				



## MILLIKEN BUILDINGS

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from  
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# MILLIKEN BUILDINGS — TYPES 2S1 AND 2V1

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 2S1 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 2V1 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors, sash and skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.

EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).

EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.

EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).

EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.

EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).

EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.

EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).

EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.

EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).

EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.

EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).

EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

### LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

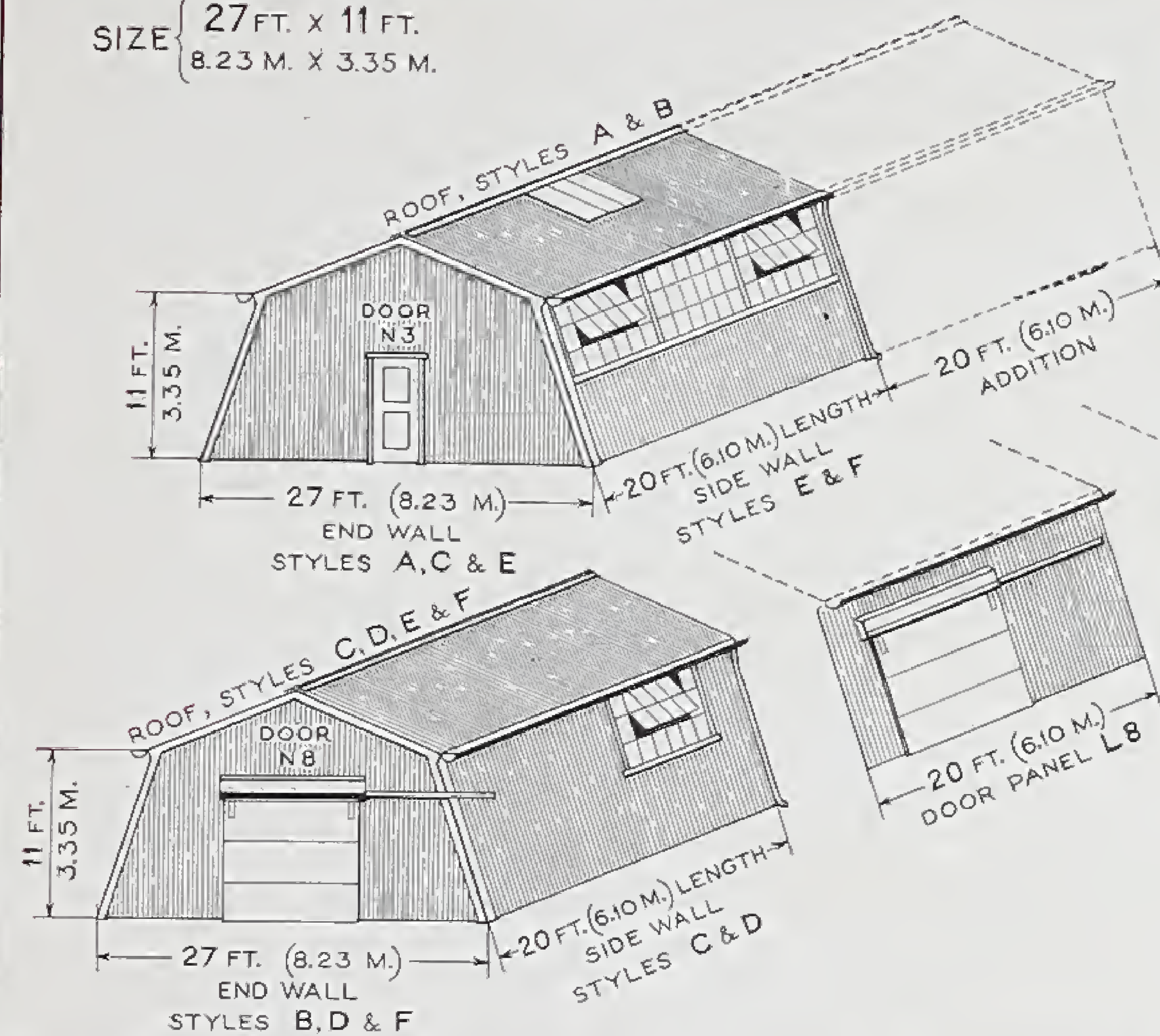
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



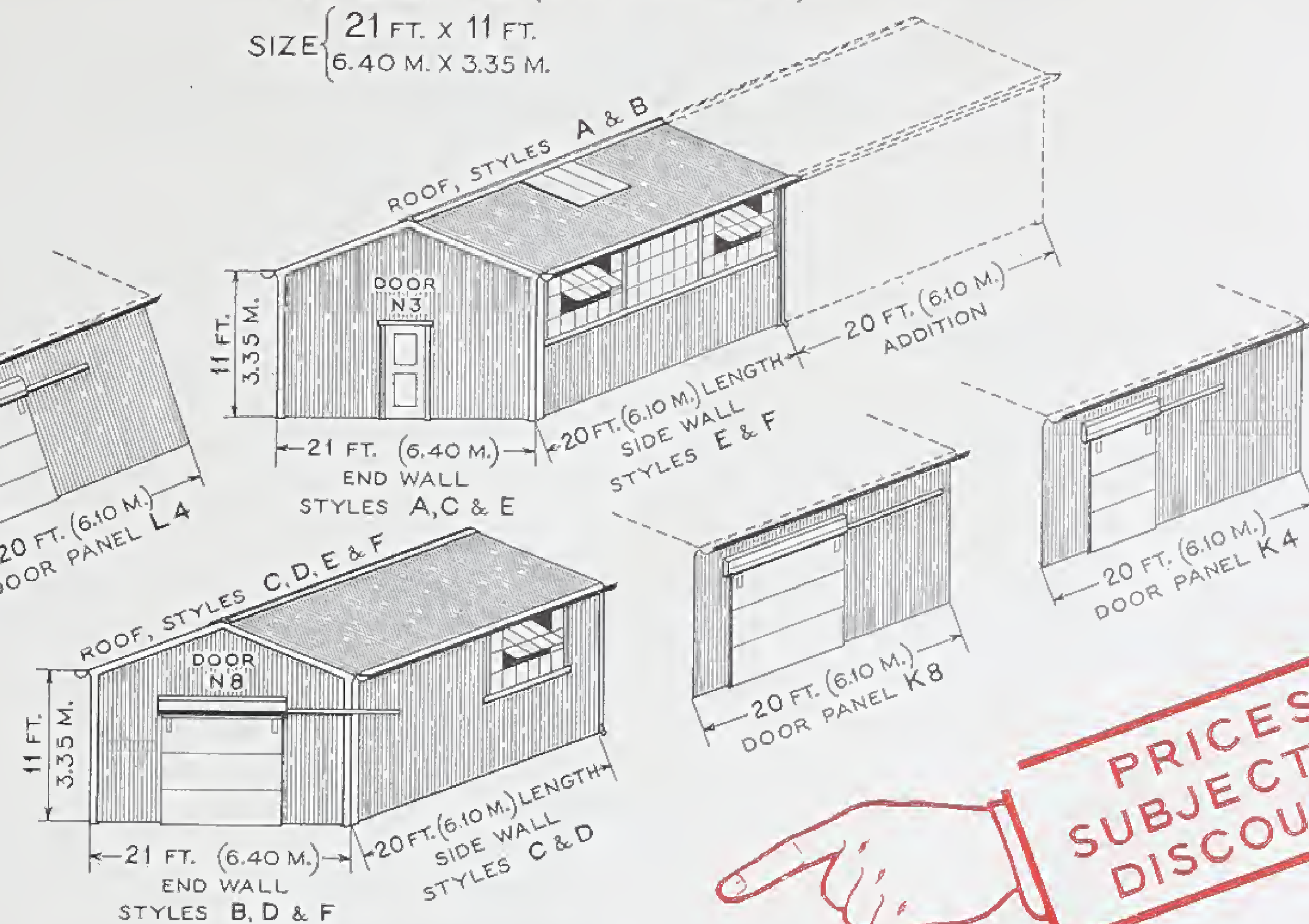
## TYPE 2S1 (SLOPING SIDES)

SIZE { 27 FT. X 11 FT.  
8.23 M. X 3.35 M.



## TYPE 2V1 (VERTICAL SIDES)

SIZE { 21 FT. X 11 FT.  
6.40 M. X 3.35 M.



PRICES  
SUBJECT TO  
DISCOUNT

MILLIKEN  
BUILDINGS

Erected  
in a  
Week

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
											L8 OR K8	L4 OR K4
2S1	A	SKYLIGHT	DOOR N3	CLOSED	\$1190.	\$1790.	\$2390.	\$2990.	\$3590.	\$600.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	1500.	2100.	2700.	3300.	3900.	600.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	1200.	1810.	2420.	3030.	3640.	610.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	1510.	2120.	2730.	3340.	3950.	610.	150.	100.
	E	CLOSED	DOOR N3	CONT. SASH	1280.	1970.	2660.	3350.	4040.	690.	120.	70.
	F	CLOSED	DOOR N8	CONT. SASH	1590.	2280.	2970.	3660.	4350.	690.	120.	70.
2V1	A	SKYLIGHT	DOOR N3	CLOSED	\$1150.	\$1750.	\$2350.	\$2950.	\$3550.	\$600.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	1460.	2060.	2660.	3260.	3860.	600.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	1160.	1770.	2380.	2990.	3600.	610.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	1470.	2080.	2690.	3300.	3910.	610.	150.	100.
	E	CLOSED	DOOR N3	CONT. SASH	1240.	1930.	2620.	3310.	4000.	690.	120.	70.
	F	CLOSED	DOOR N8	CONT. SASH	1550.	2240.	2930.	3620.	4310.	690.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



## MILLIKEN BUILDINGS

Shipped  
from  
Stock

# MILLIKEN BUILDINGS—TYPES 2V14 AND 2V17

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 2V14 and 2V17 buildings have vertical channel bar columns with set of column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors, sash and skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

## LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

K4—4 ft. 5 in. wide by 8 ft. 6 in. high.  
K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

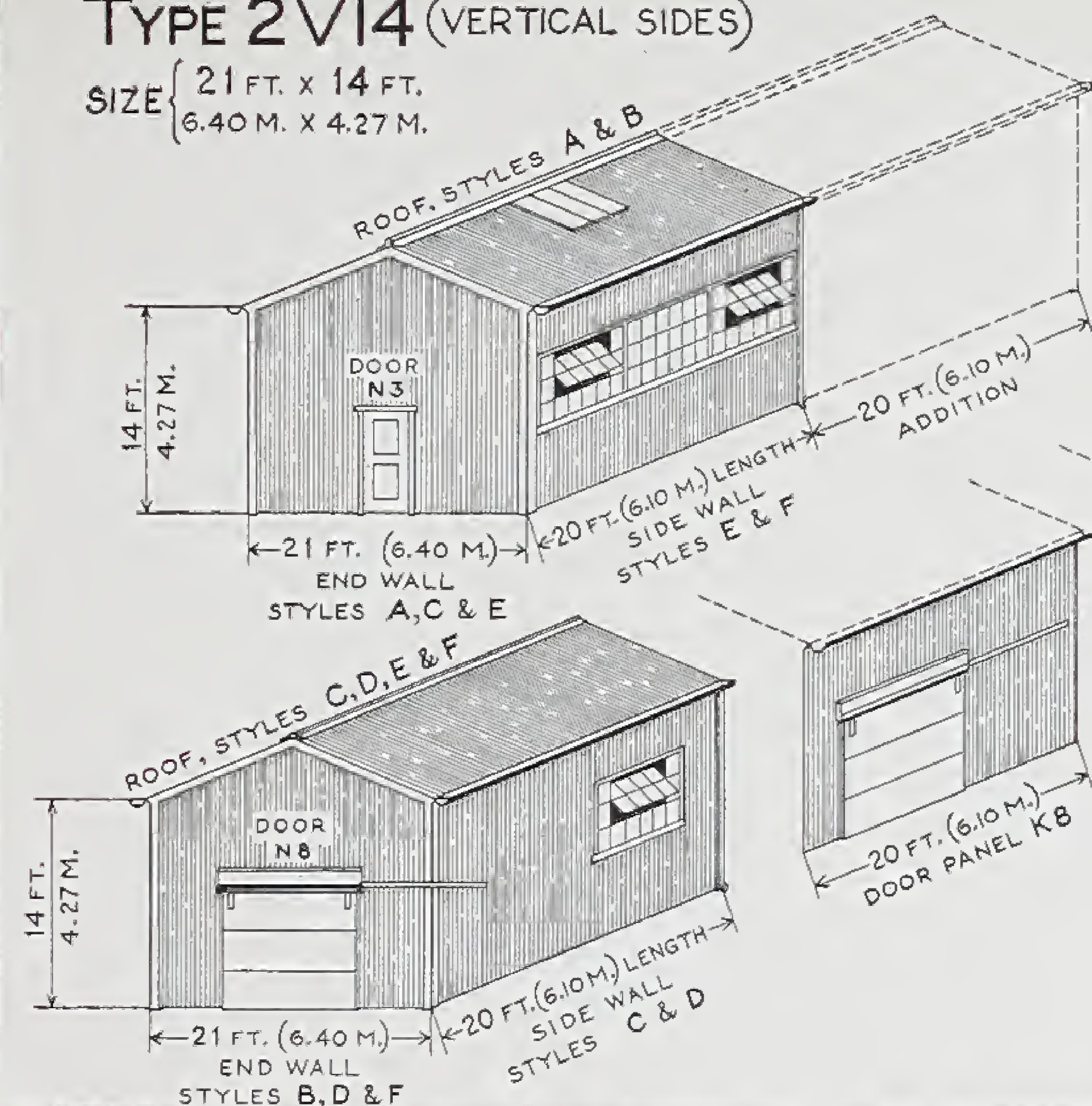
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



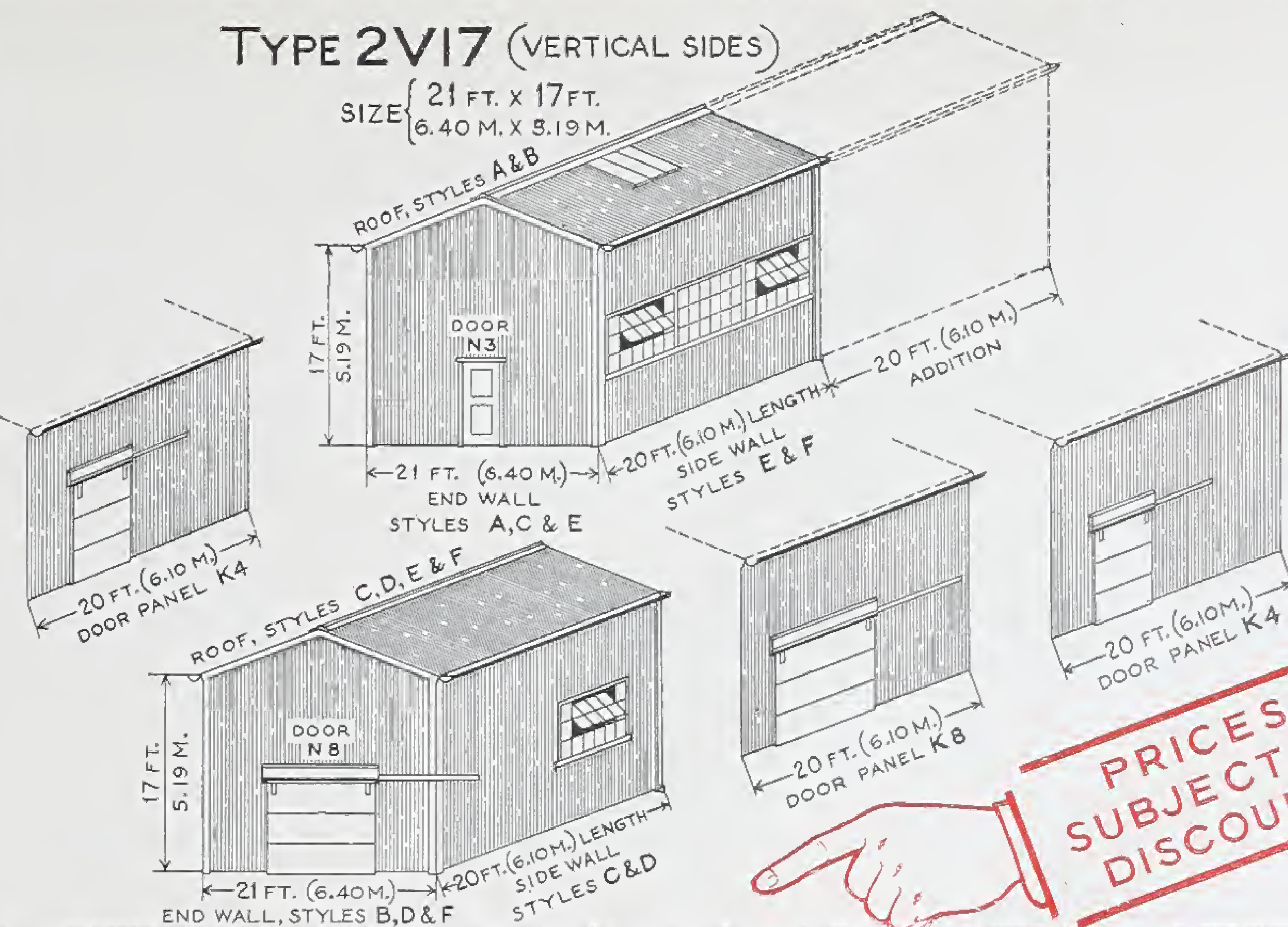
## TYPE 2V14 (VERTICAL SIDES)

SIZE { 21 FT. X 14 FT.  
6.40 M. X 4.27 M.



## TYPE 2V17 (VERTICAL SIDES)

SIZE { 21 FT. X 17 FT.  
6.40 M. X 5.19 M.



PRICES  
SUBJECT TO  
DISCOUNT

MILLIKEN  
BUILDINGS

Erected  
in a  
Week

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
											K8	K4
2V14	A	SKYLIGHT	DOOR N3	CLOSED	\$1340.	\$2020.	\$2700.	\$3380.	\$4060.	\$680.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	1650.	2330.	3010.	3690.	4370.	680.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	1350.	2040.	2730.	3420.	4110.	690.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	1660.	2350.	3040.	3730.	4420.	690.	150.	100.
	E	CLOSED	DOOR N3	CONT. SASH	1430.	2200.	2970.	3740.	4510.	770.	120.	70.
	F	CLOSED	DOOR N8	CONT. SASH	1740.	2510.	3280.	4050.	4820.	770.	120.	70.
2V17	A	SKYLIGHT	DOOR N3	CLOSED	\$1600.	\$2430.	\$3260.	\$4090.	\$4920.	\$830.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	1910.	2740.	3570.	4400.	5230.	830.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	1610.	2450.	3290.	4130.	4970.	840.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	1920.	2760.	3600.	4440.	5280.	840.	150.	100.
	E	CLOSED	DOOR N3	CONT. SASH	1690.	2610.	3530.	4450.	5370.	920.	120.	70.
	F	CLOSED	DOOR N8	CONT. SASH	2000.	2920.	3840.	4760.	5680.	920.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



MILLIKEN  
BUILDINGS

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## MILLIKEN BUILDINGS — TYPES 2S2 AND 2V2

Dimensions given in feet (Ft.) and meters (M.)

### SPECIFICATIONS

#### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 2S2 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 2V2 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

#### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors*, *sash and skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

#### LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

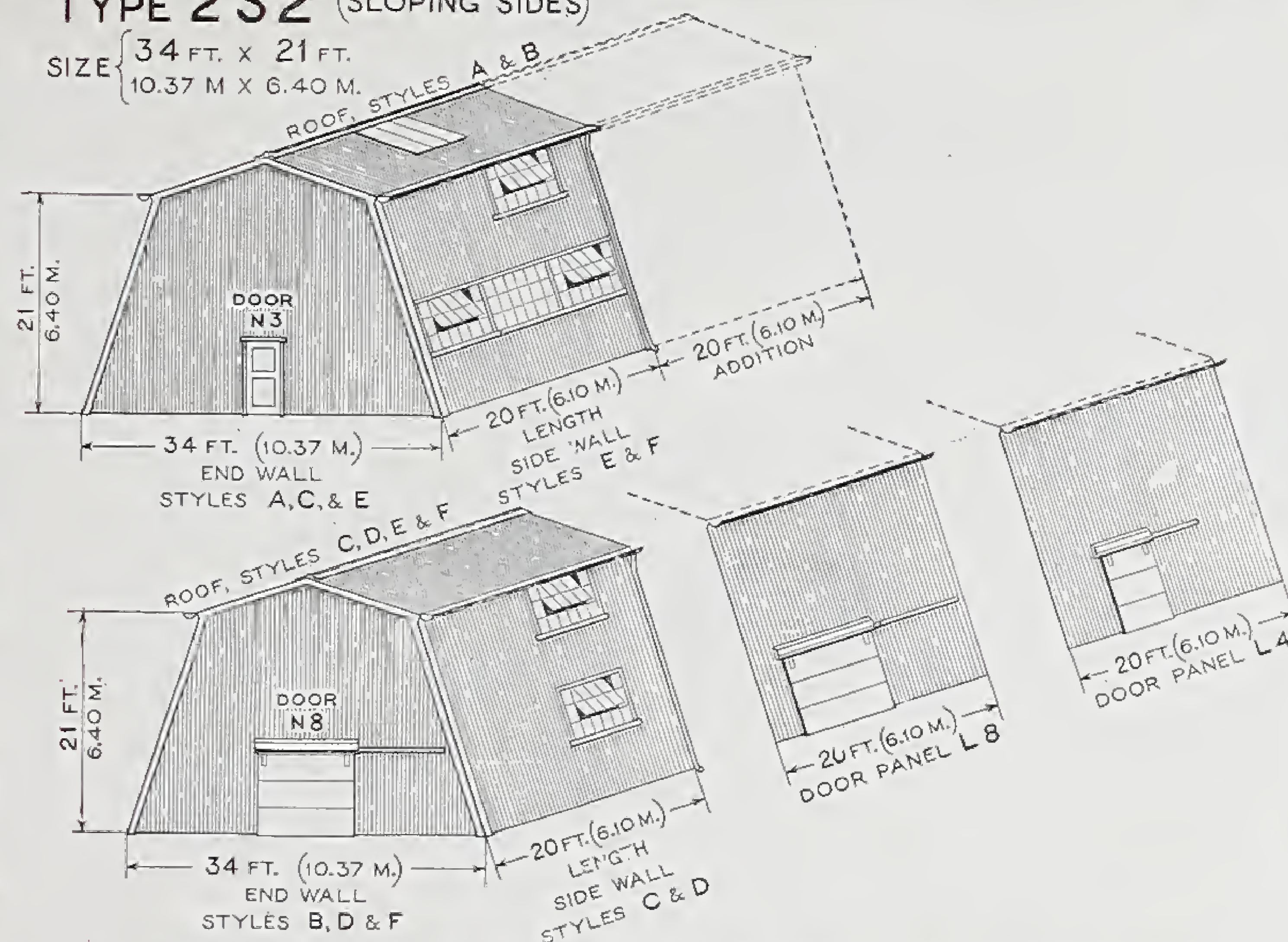
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



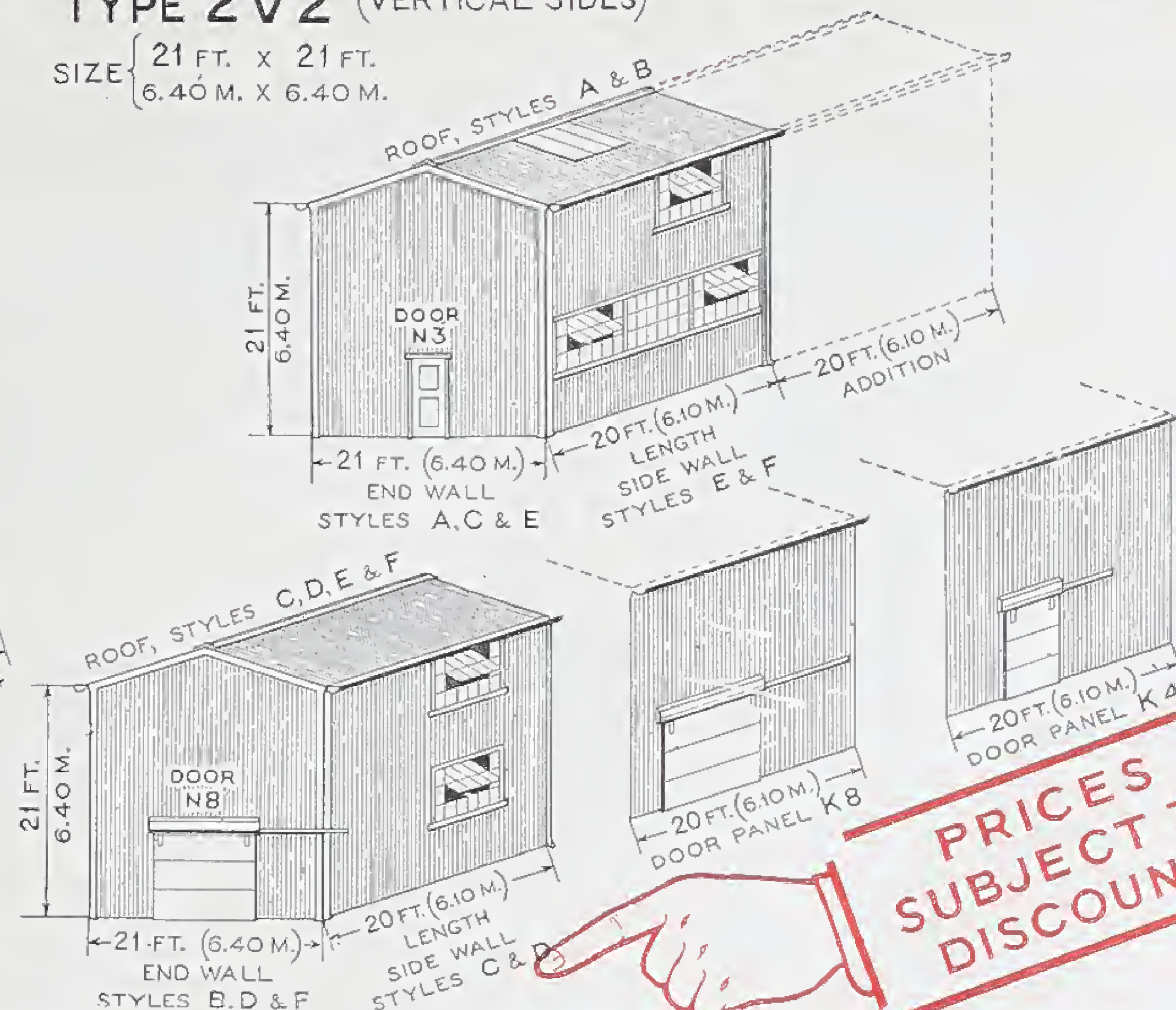
## TYPE 2S2 (SLOPING SIDES)

SIZE { 34 FT. X 21 FT.  
10.37 M X 6.40 M.



## TYPE 2V2 (VERTICAL SIDES)

SIZE { 21 FT. X 21 FT.  
6.40 M. X 6.40 M.



**PRICES  
SUBJECT TO  
DISCOUNT**

**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	ADD FOR EACH 20 FT. LENGTH	DOOR L8 OR K8 L4 OR K4	
2S2	A	SKYLIGHT	DOOR N3	CLOSED	\$1910.	\$2820.	\$3730.	\$4640.	\$5550.	\$910.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	2210.	3120.	4030.	4940.	5850.	910.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH SINGLE SASH	1980.	2960.	3940.	4920.	5900.	980.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH SINGLE SASH	2280.	3260.	4240.	5220.	6200.	980.	150.	100.
	E	CLOSED	DOOR N3	SINGLE SASH CONT. SASH	2050.	3110.	4170.	5230.	6290.	1060.	120.	70.
	F	CLOSED	DOOR N8	SINGLE SASH CONT. SASH	2360.	3420.	4480.	5540.	6600.	1060.	120.	70.
2V2	A	SKYLIGHT	DOOR N3	CLOSED	\$1700.	\$2570.	\$3440.	\$4310.	\$5180.	\$870.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	2010.	2880.	3750.	4620.	5490.	870.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH SINGLE SASH	1770.	2710.	3650.	4590.	5530.	940.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH SINGLE SASH	2080.	3020.	3960.	4900.	5840.	940.	150.	100.
	E	CLOSED	DOOR N3	SINGLE SASH CONT. SASH	1850.	2870.	3890.	4910.	5930.	1020.	120.	70.
	F	CLOSED	DOOR N8	SINGLE SASH CONT. SASH	2160.	3180.	4200.	5220.	6240.	1020.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



**MILLIKEN  
BUILDINGS**  
  
**Shipped  
from  
Stock**

# MILLIKEN BUILDINGS—TYPES 4S1 AND 4V1

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 4S1 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 4V1 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors, sash and skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

## LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

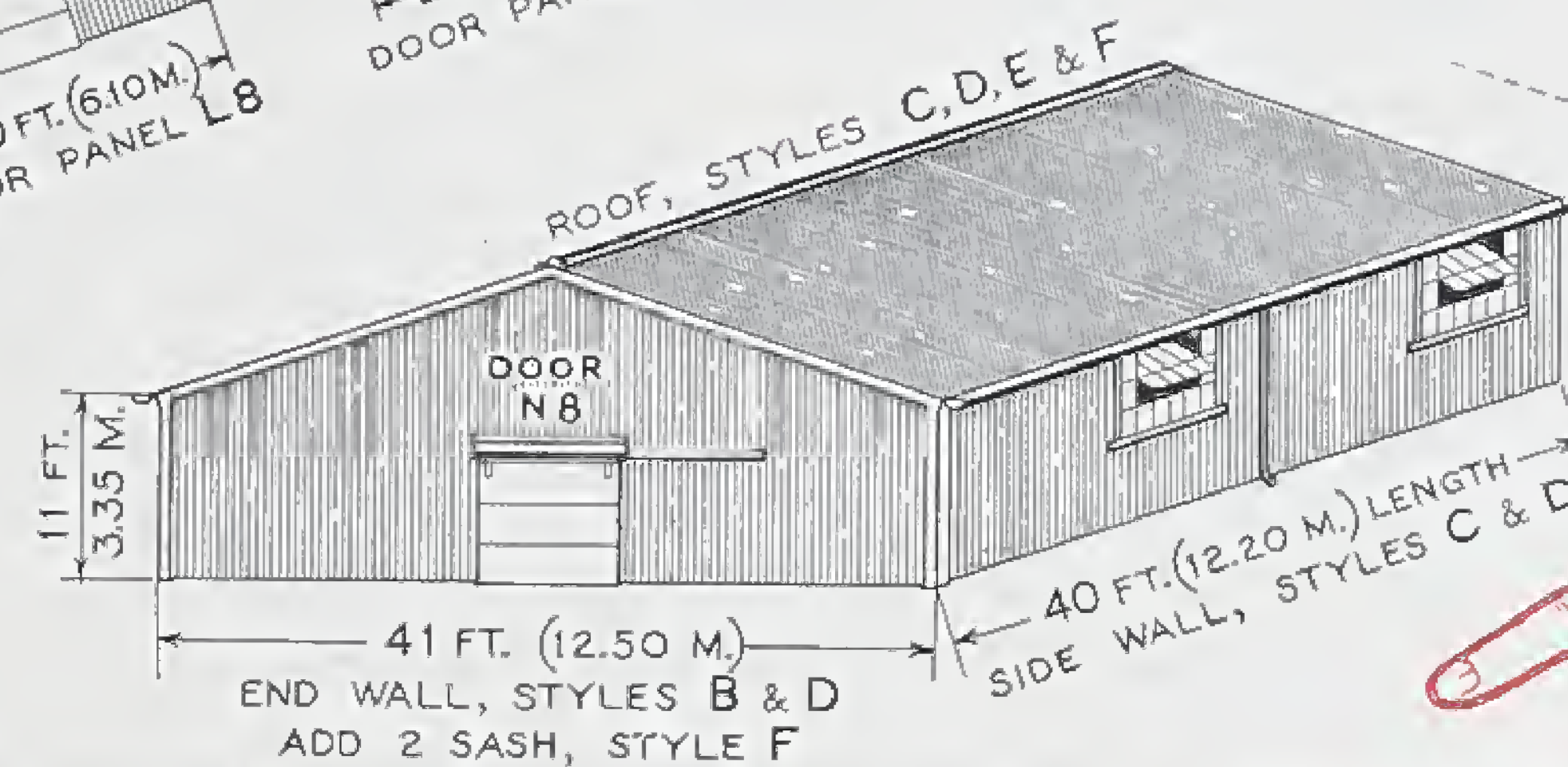
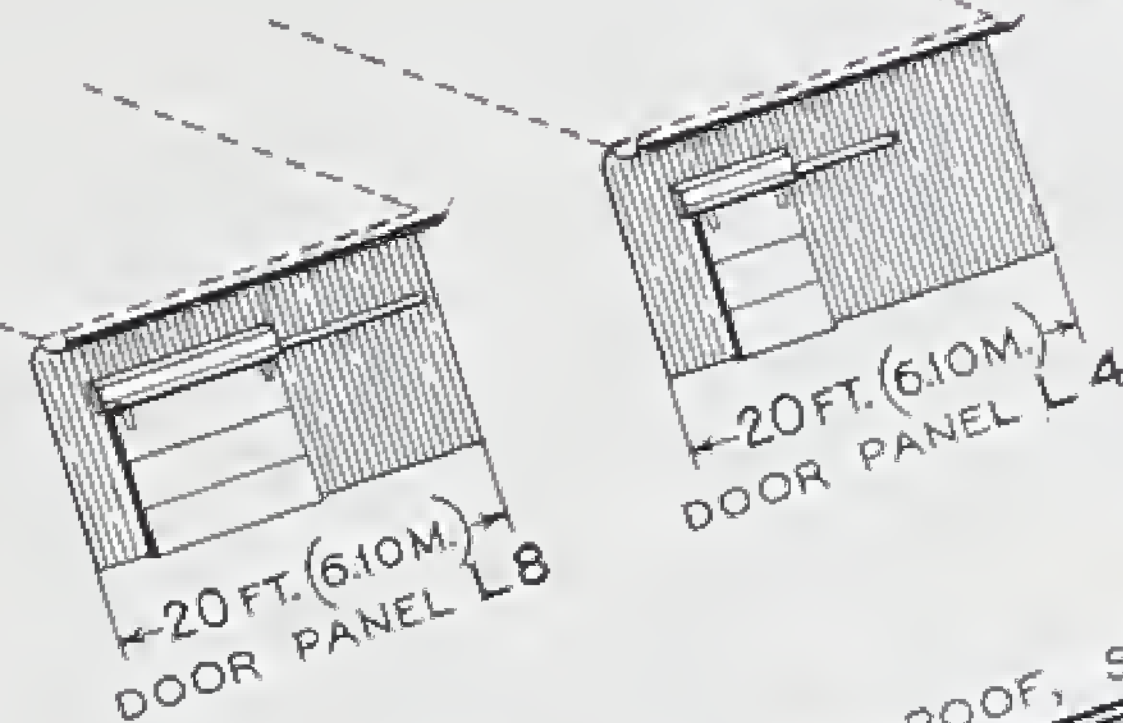
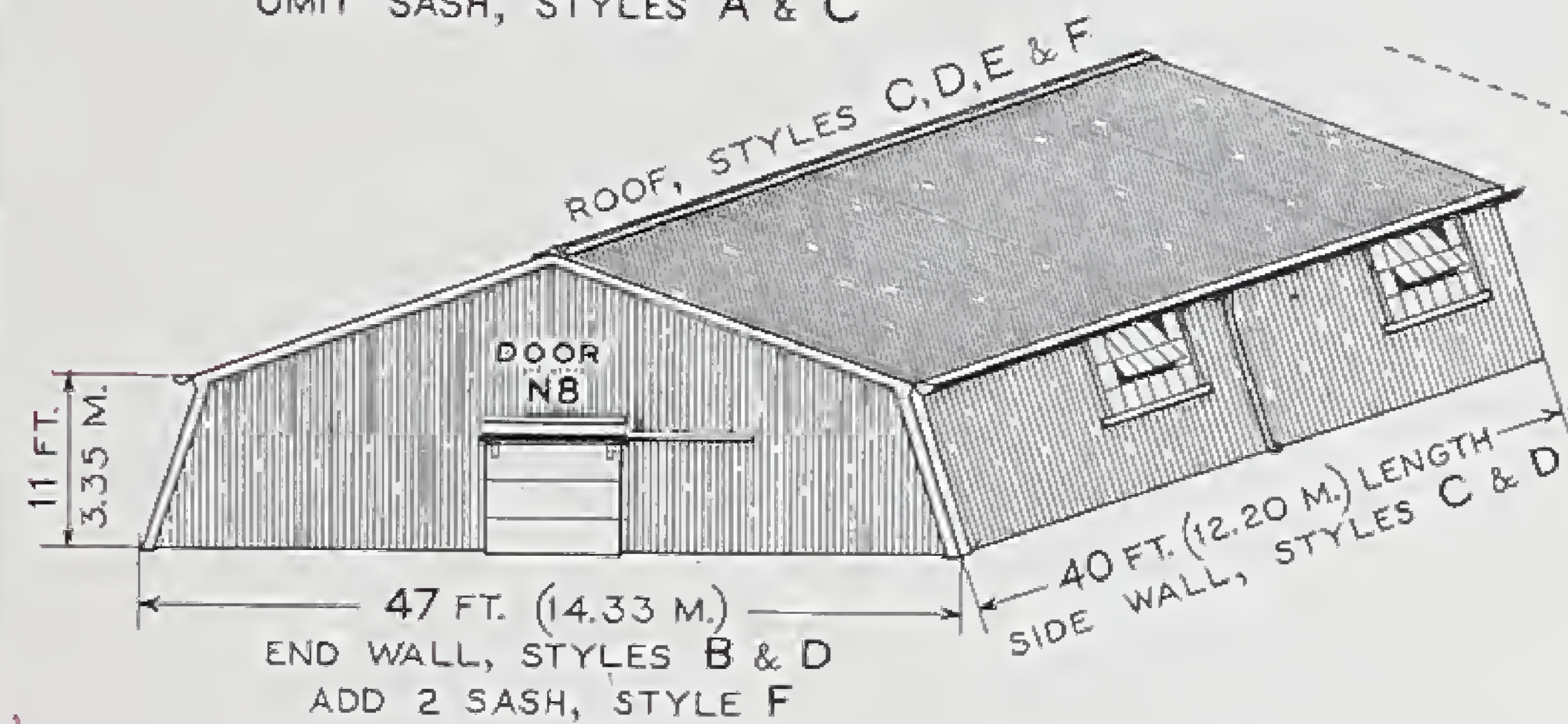
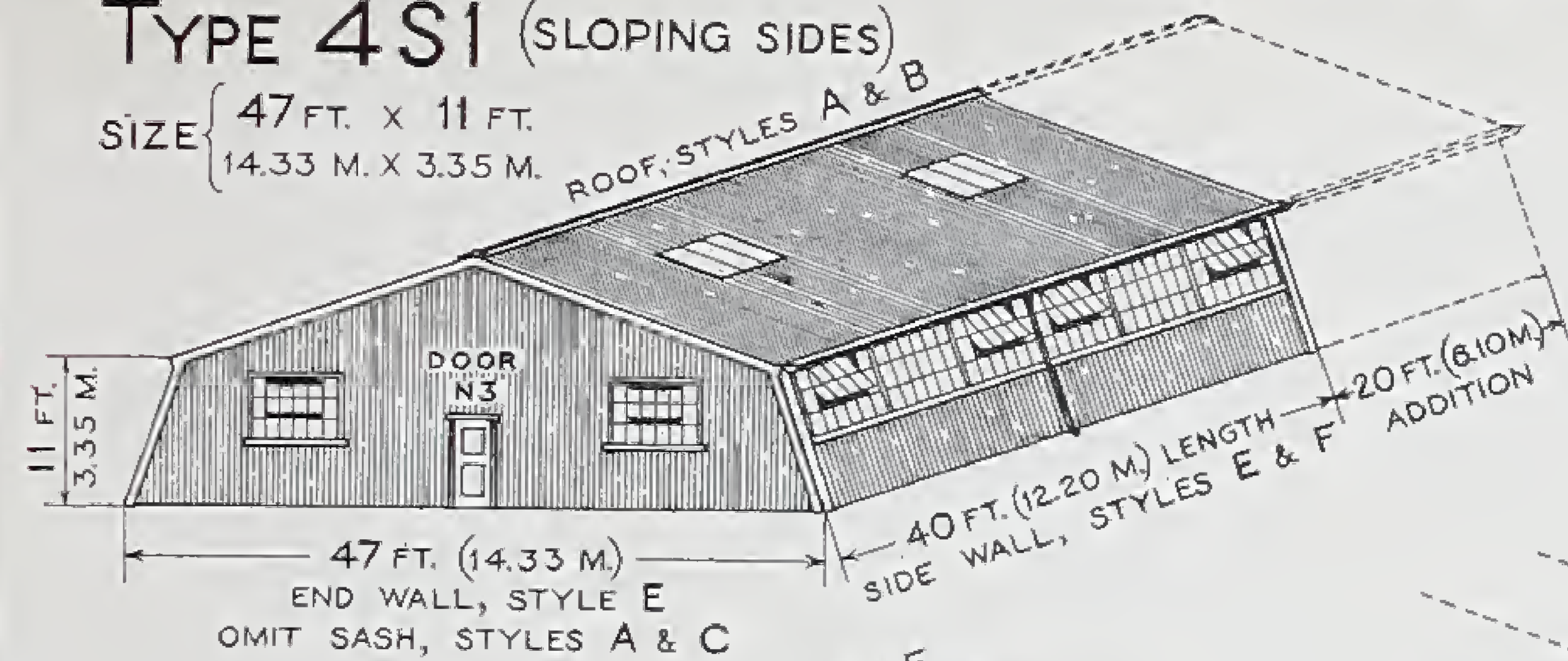
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



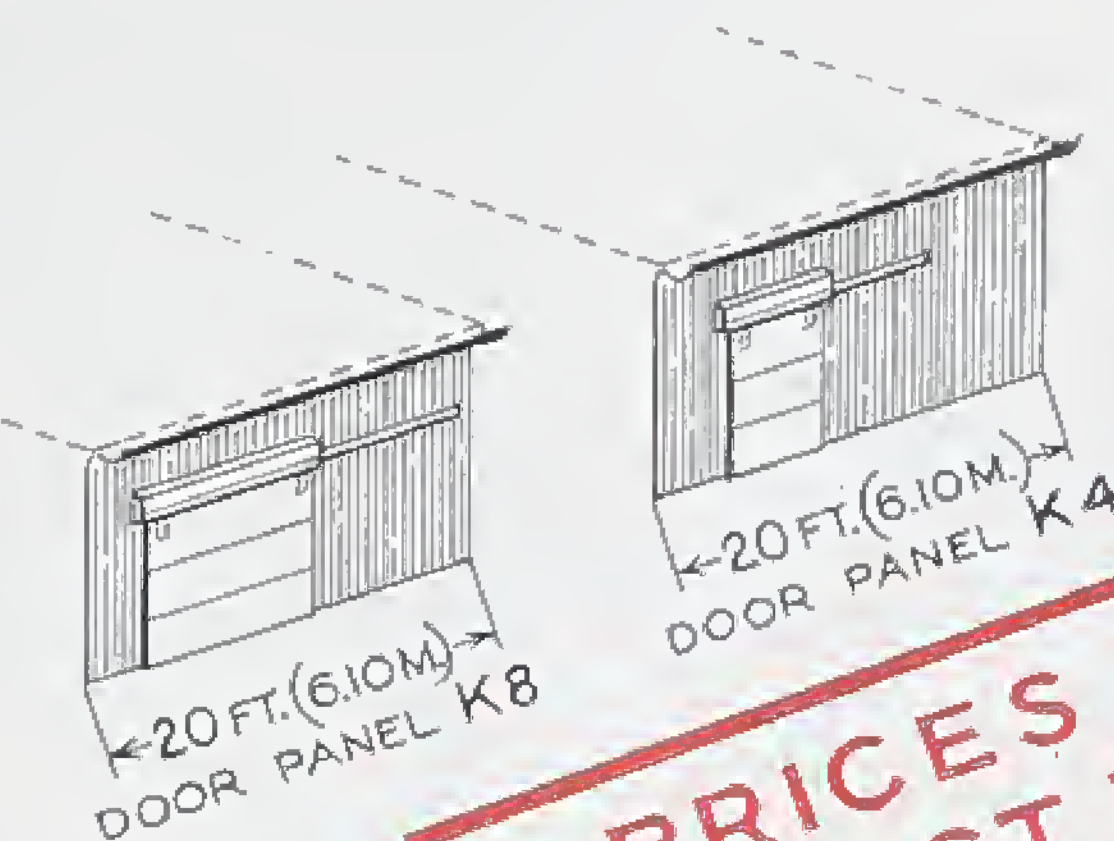
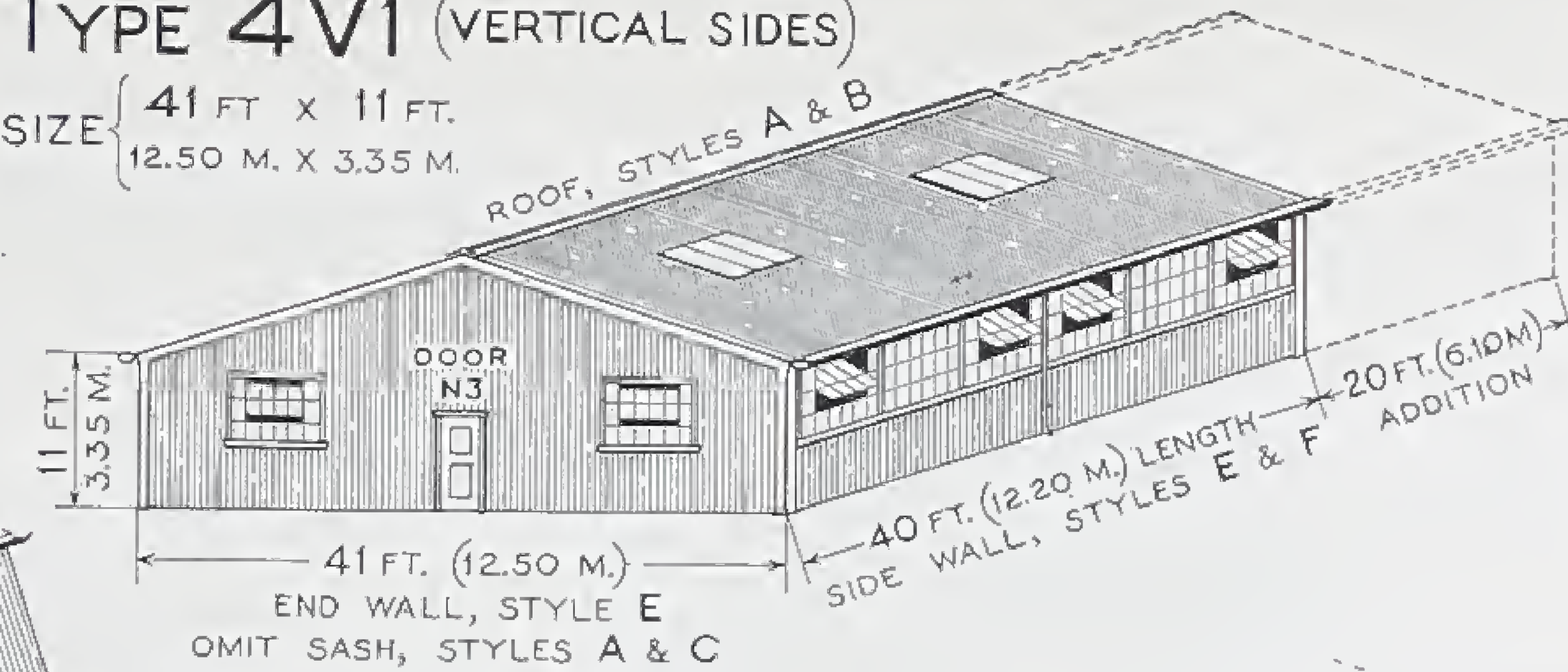
## TYPE 4S1 (SLOPING SIDES)

SIZE { 47 FT. X 11 FT.  
14.33 M. X 3.35 M.



## TYPE 4V1 (VERTICAL SIDES)

SIZE { 41 FT. X 11 FT.  
12.50 M. X 3.35 M.



**PRICES  
SUBJECT TO  
DISCOUNT**

**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
											L8 OR K8	L4 OR K4
4S1	A	SKYLIGHT	DOOR N3	CLOSED	\$ 2660.	\$ 4320.	\$ 5980.	\$ 7640.	\$ 9300.	\$ 830.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	2970.	4630.	6290.	7950.	9610.	830.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	2690.	4380.	6070.	7760.	9450.	845.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	3000.	4690.	6380.	8070.	9760.	845.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	2950.	4790.	6630.	8470.	10310.	920.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	3260.	5100.	6940.	8780.	10620.	920.	120.	70.
4V1	A	SKYLIGHT	DOOR N3	CLOSED	\$ 2640.	\$ 4300.	\$ 5960.	\$ 7620.	\$ 9280.	\$ 830.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	2950.	4610.	6270.	7930.	9590.	830.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	2660.	4340.	6020.	7700.	9380.	840.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	2970.	4650.	6330.	8010.	9690.	840.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	2930.	4770.	6610.	8450.	10290.	920.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	3230.	5070.	6910.	8750.	10590.	920.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



**MILLIKEN  
BUILDINGS**

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# MILLIKEN BUILDINGS—TYPES 4V14 AND 4V17

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 4V14 and 4V17 buildings have vertical channel bar columns with set of column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors*, *sash* and *skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft., and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

### LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

K4—4 ft. 5 in. wide by 8 ft. 6 in. high.  
K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

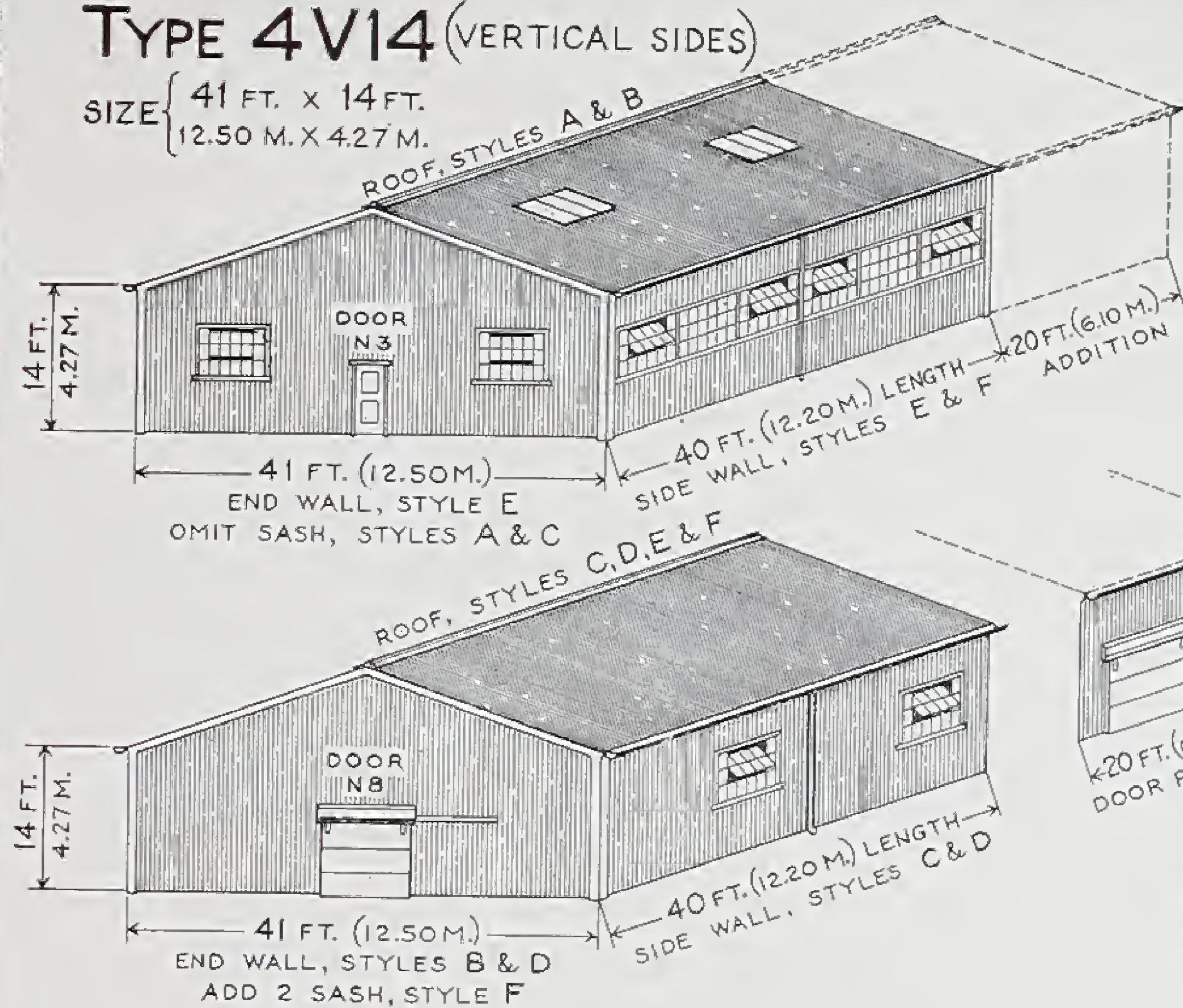
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



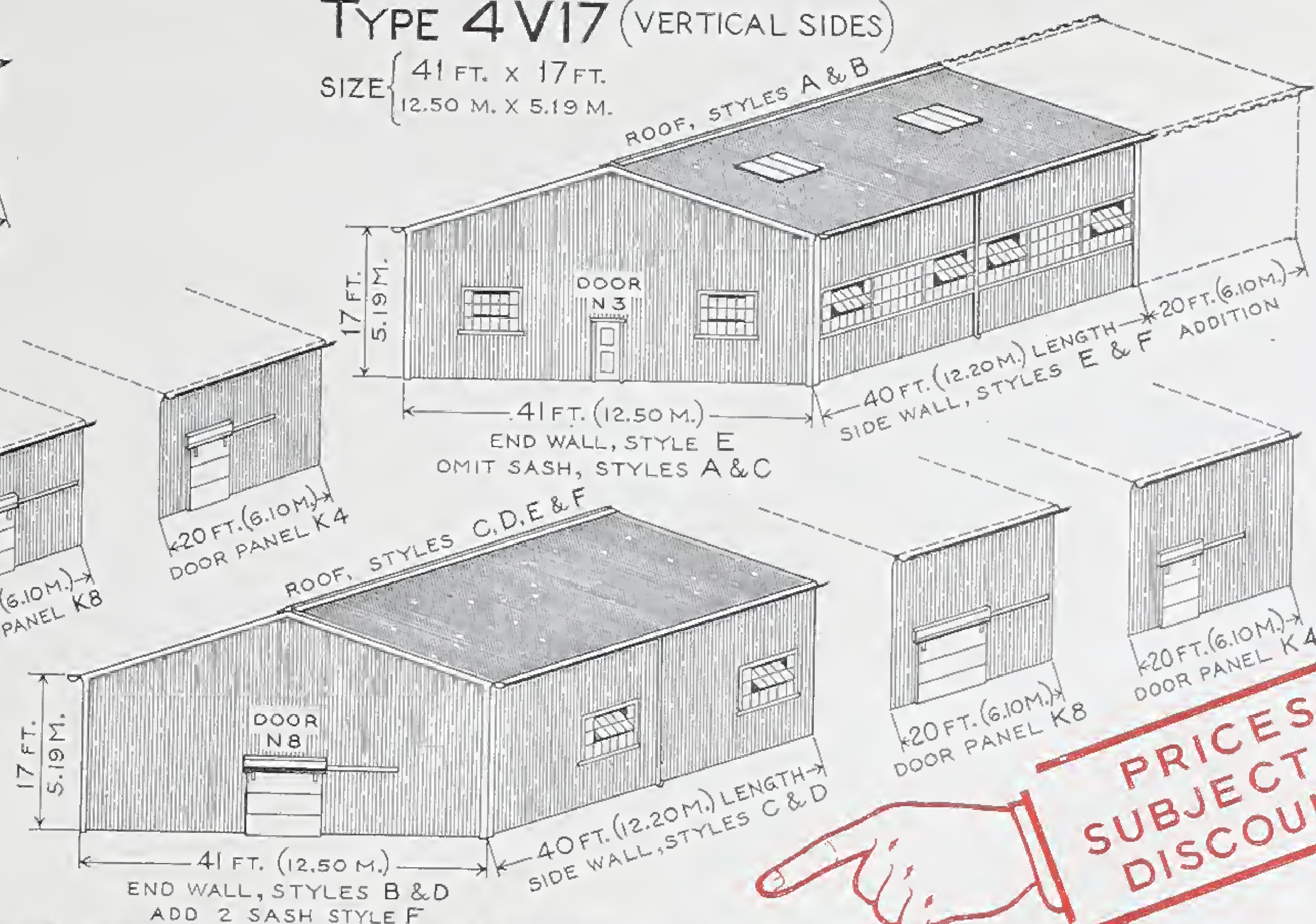
## TYPE 4V14 (VERTICAL SIDES)

SIZE 41 FT. X 14 FT.  
12.50 M. X 4.27 M.



## TYPE 4V17 (VERTICAL SIDES)

SIZE 41 FT. X 17 FT.  
12.50 M. X 5.19 M.



**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

**PRICES  
SUBJECT TO  
DISCOUNT**

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
4V14	A	SKYLIGHT	DOOR N3	CLOSED	\$ 2990.	\$ 4810.	\$ 6630.	\$ 8450.	\$ 10270.	\$ 910.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	3300.	5120.	6940.	8760.	10580.	910.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	3010.	4850.	6690.	8530.	10370.	920.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	3320.	5160.	7000.	8840.	10680.	920.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	3280.	5280.	7280.	9280.	11280.	1000.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	3580.	5580.	7580.	9580.	11580.	1000.	120.	70.
4V17	A	SKYLIGHT	DOOR N3	CLOSED	\$ 3470.	\$ 5590.	\$ 7710.	\$ 9830.	\$ 11950.	\$ 1060.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	3770.	5890.	8010.	10130.	12250.	1060.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH	3490.	5630.	7770.	9910.	12050.	1070.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH	3790.	5930.	8070.	10210.	12350.	1070.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	3760.	6050.	8340.	10630.	12920.	1145.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	4070.	6360.	8650.	10940.	13230.	1145.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



## MILLIKEN BUILDINGS

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# MILLIKEN BUILDINGS—TYPES 4S2 AND 4V2

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 4S2 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 4V2 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors*, *sash* and *skylights* as described in the next column.

#### STYLE A

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—2 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft., and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

### LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

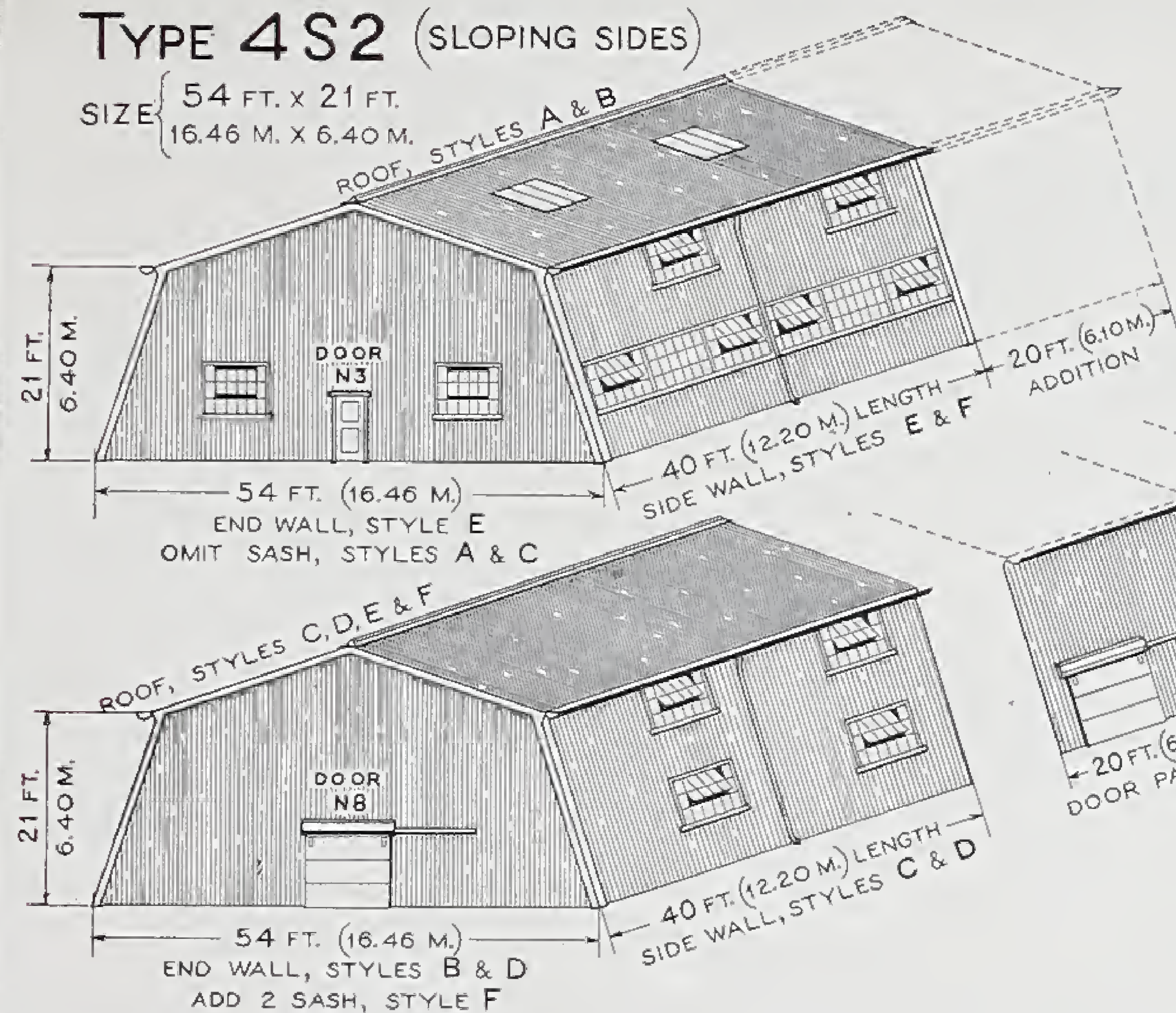
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



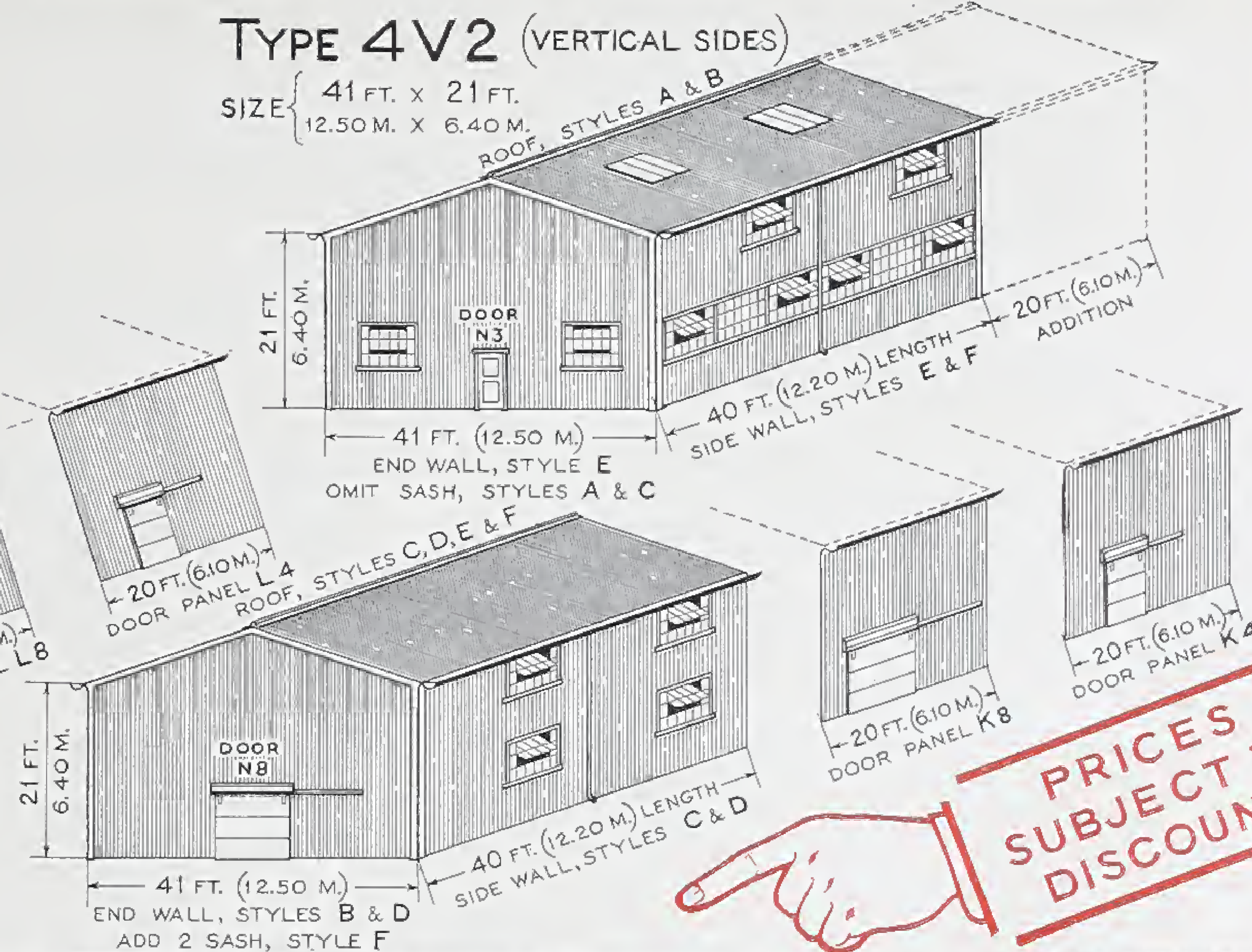
## TYPE 4S2 (SLOPING SIDES)

SIZE { 54 FT. X 21 FT.  
16.46 M. X 6.40 M.



## TYPE 4V2 (VERTICAL SIDES)

SIZE { 41 FT. X 21 FT.  
12.50 M. X 6.40 M.



**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

**PRICES  
SUBJECT TO  
DISCOUNT**

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
4S2	A	SKYLIGHT	DOOR N3	CLOSED	\$ 3940.	\$ 6230.	\$ 8520.	\$ 10810.	\$ 13100.	\$ 1145.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	4250.	6540.	8830.	11120.	13410.	1145.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH SINGLE SASH	4080.	6510.	8940.	11370.	13800.	1215.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH SINGLE SASH	4390.	6820.	9250.	11680.	14110.	1215.	150.	100.
	E	CLOSED	DOOR N3 SASH	SINGLE SASH CONT. SASH	4350.	6930.	9510.	12090.	14670.	1290.	120.	70.
	F	CLOSED	DOOR N8 SASH	SINGLE SASH CONT. SASH	4660.	7240.	9820.	12400.	14980.	1290.	120.	70.
4V2	A	SKYLIGHT	DOOR N3	CLOSED	\$ 3700.	\$ 5900.	\$ 8100.	\$ 10300.	\$ 12500.	\$ 1100.	\$170.	\$120.
	B	SKYLIGHT	DOOR N8	CLOSED	4000.	6200.	8400.	10600.	12800.	1100.	170.	120.
	C	CLOSED	DOOR N3	SINGLE SASH SINGLE SASH	3840.	6180.	8520.	10860.	13200.	1170.	150.	100.
	D	CLOSED	DOOR N8	SINGLE SASH SINGLE SASH	4140.	6480.	8820.	11160.	13500.	1170.	150.	100.
	E	CLOSED	DOOR N3 SASH	SINGLE SASH CONT. SASH	4110.	6600.	9090.	11580.	14070.	1245.	120.	70.
	F	CLOSED	DOOR N8 SASH	SINGLE SASH CONT. SASH	4420.	6910.	9400.	11890.	14380.	1245.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7

For exact outside lengths and widths of buildings see page 53.



MILLIKEN  
BUILDINGS

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# MILLIKEN BUILDINGS—TYPES 6S1 AND 6V1

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 6S1 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 6V1 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors, sash and skylights* as described in the next column.

#### STYLE A

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft., and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

## LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

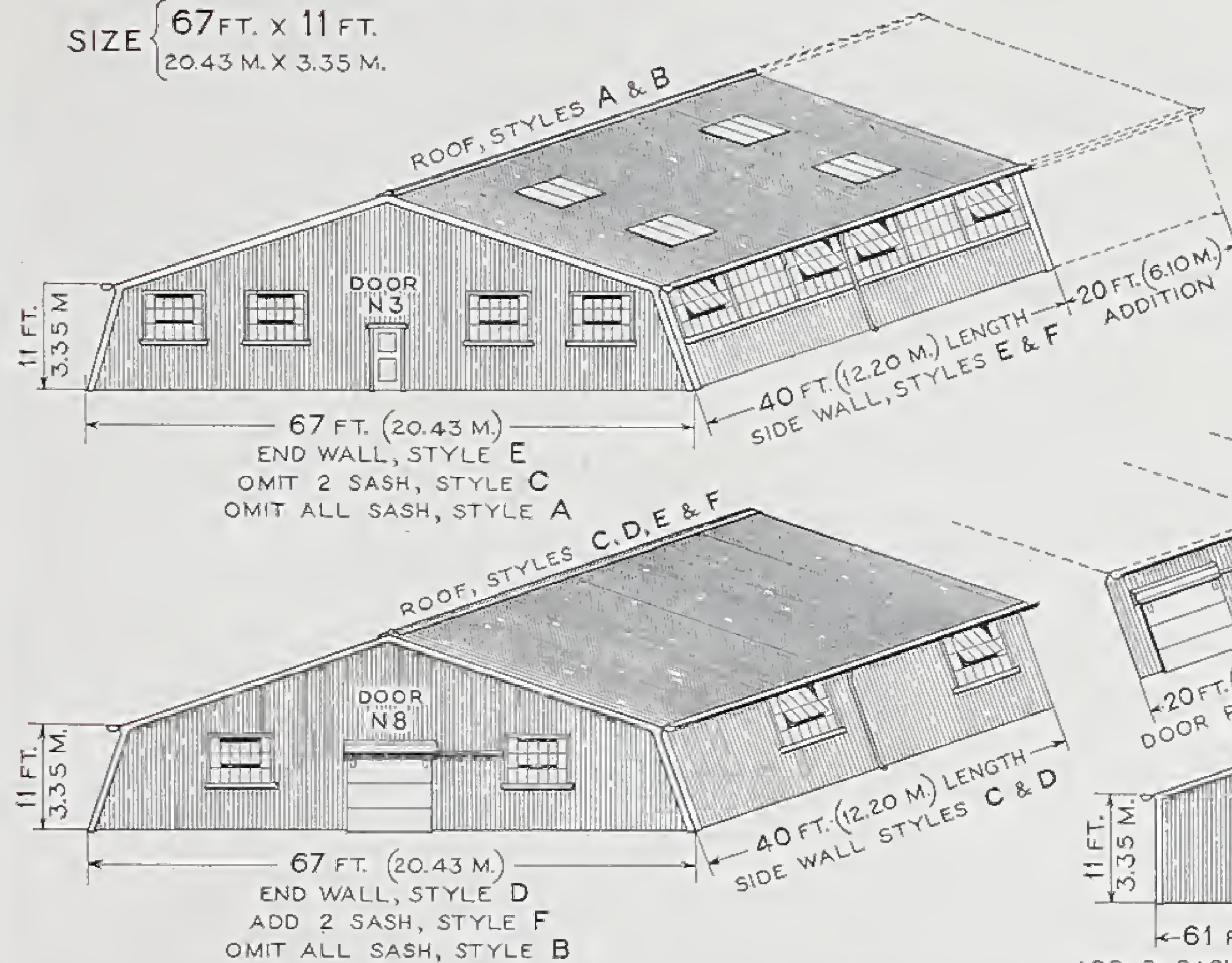
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



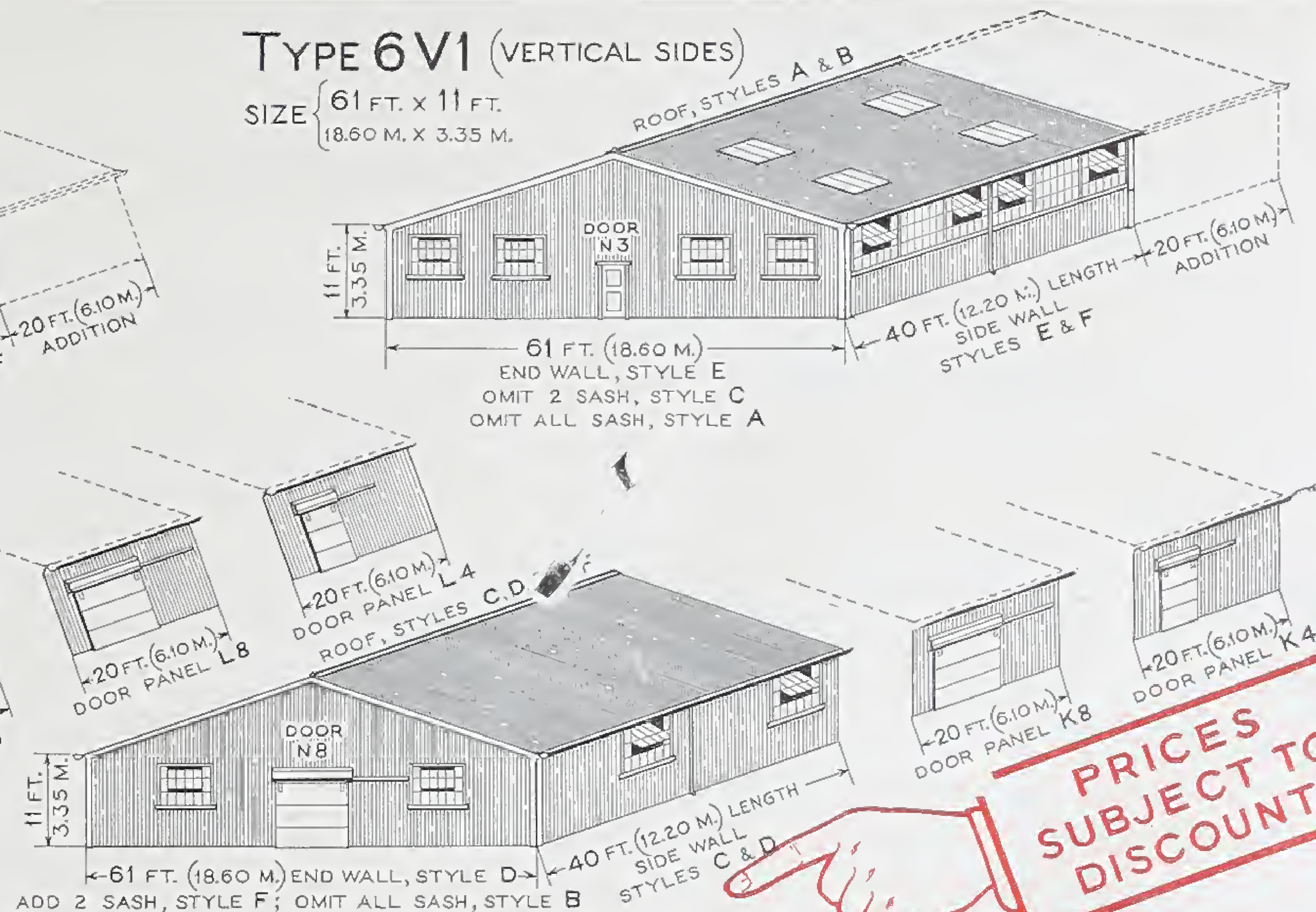
## TYPE 6S1 (SLOPING SIDES)

SIZE { 67 FT. X 11 FT.  
20.43 M. X 3.35 M.



## TYPE 6V1 (VERTICAL SIDES)

SIZE { 61 FT. X 11 FT.  
18.60 M. X 3.35 M.



**MILLIKEN  
BUILDINGS**

Erected  
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Week

**PRICES  
SUBJECT TO  
DISCOUNT**

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING					ADD FOR EACH SIDE DOOR PANEL		
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR L8 OR K8	DOOR L4 OR K4
6S1	A	SKYLIGHT	DOOR N3	CLOSED	\$ 3850.	\$ 6230.	\$ 8610.	\$ 10990.	\$ 13370.	\$ 1190.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	4160.	6540.	8920.	11300.	13680.	1190.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH	3900.	6220.	8540.	10860.	13180.	1160.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH	4210.	6530.	8850.	11170.	13490.	1160.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	4170.	6640.	9110.	11580.	14050.	1235.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	4480.	6950.	9420.	11890.	14360.	1235.	120.	70.
6V1	A	SKYLIGHT	DOOR N3	CLOSED	\$ 3810.	\$ 6170.	\$ 8530.	\$ 10890.	\$ 13250.	\$ 1180.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	4120.	6480.	8840.	11200.	13560.	1180.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH	3870.	6170.	8470.	10770.	13070.	1150.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH	4180.	6480.	8780.	11080.	13380.	1150.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	4130.	6590.	9050.	11510.	13970.	1230.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	4440.	6900.	9360.	11820.	14280.	1230.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



## MILLIKEN BUILDINGS

Shipped  
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# MILLIKEN BUILDINGS—TYPES 6V14 AND 6V17

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 6V14 and 6V17 buildings have vertical channel bar columns with set of column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors*, *sash* and *skylights* as described in the next column.

#### STYLE A

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—Continuous steel ventilating and stationary sash 4 ft. 8 in. high.

## LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

K4—4 ft. 5 in. wide by 10 ft. high.  
K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

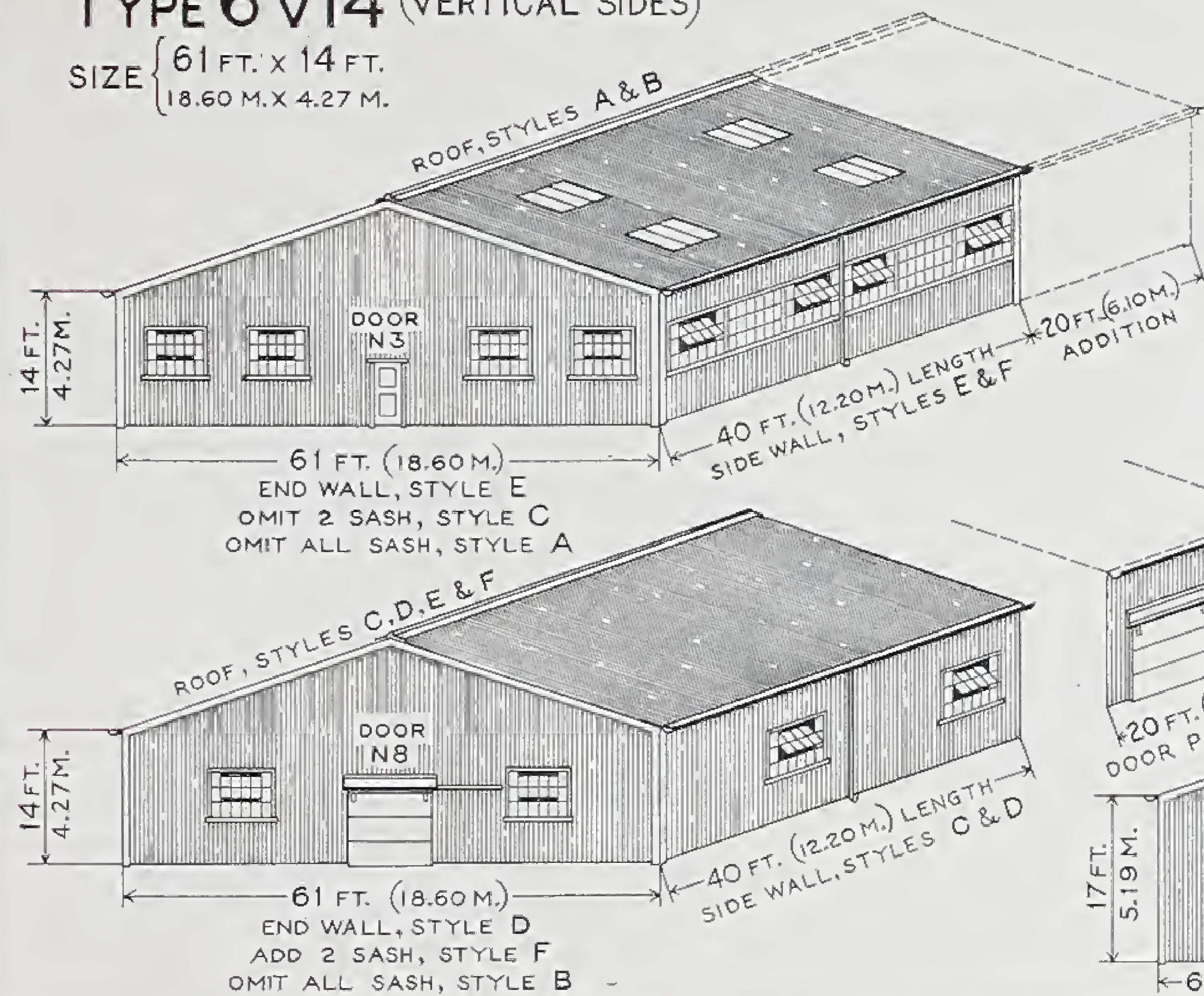
Prices do not include glass for sash or skylights.

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



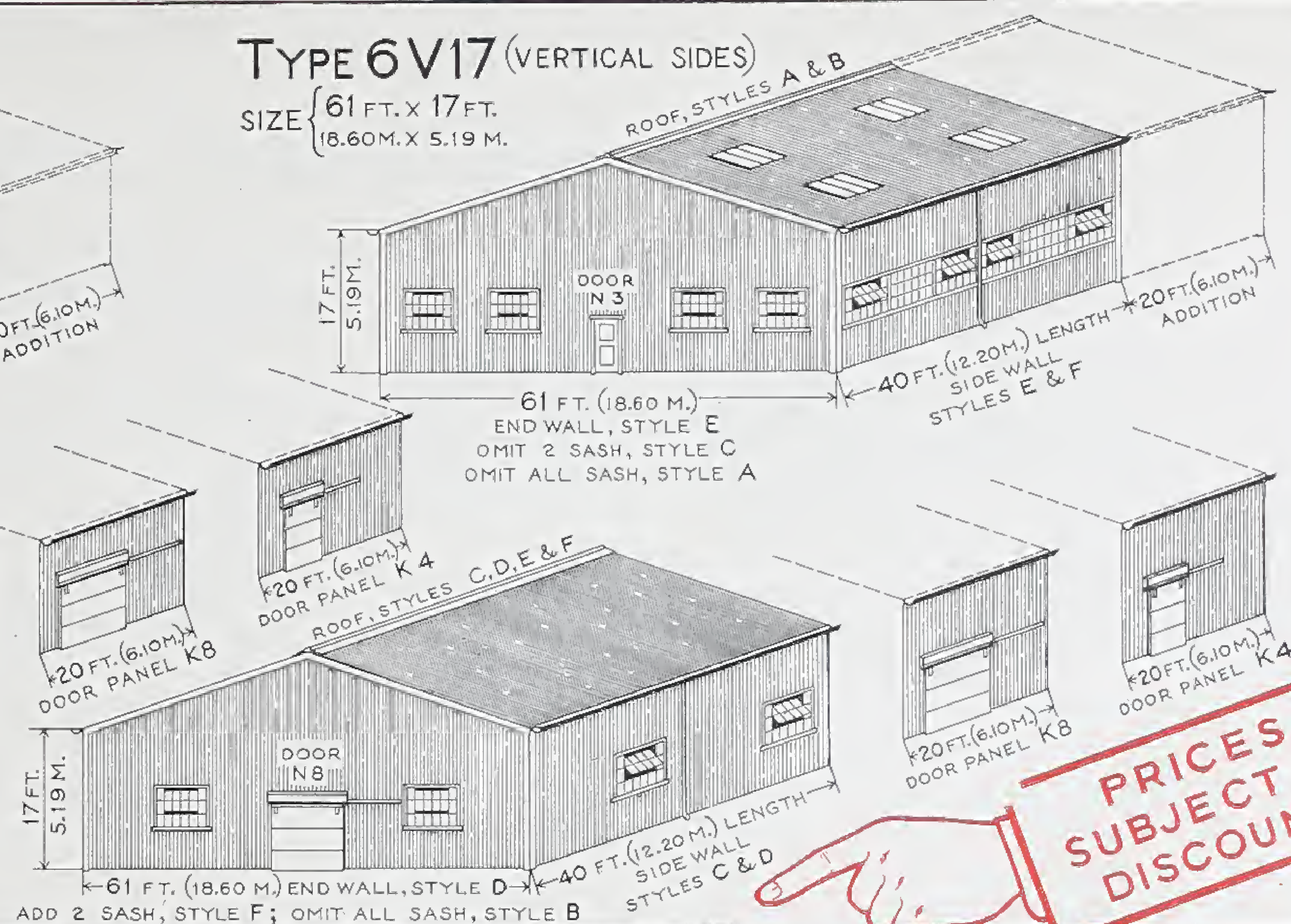
## TYPE 6V14 (VERTICAL SIDES)

SIZE { 61 FT. X 14 FT.  
18.60 M. X 4.27 M.



## TYPE 6V17 (VERTICAL SIDES)

SIZE { 61 FT. X 17 FT.  
18.60 M. X 5.19 M.



**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

**PRICES  
SUBJECT TO  
DISCOUNT**

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
6V14	A	SKYLIGHT	DOOR N3	CLOSED	\$ 4300.	\$ 6820.	\$ 9340.	\$ 11860.	\$ 14380.	\$ 1260.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	4610.	7130.	9650.	12170.	14690.	1260.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH	4360.	6820.	9280.	11740.	14200.	1230.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH	4670.	7130.	9590.	12050.	14510.	1230.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	4620.	7240.	9860.	12480.	15100.	1310.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	4930.	7550.	10170.	12790.	15410.	1310.	120.	70.
6V17	A	SKYLIGHT	DOOR N3	CLOSED	\$ 4800.	\$ 7620.	\$ 10440.	\$ 13260.	\$ 16080.	\$ 1410.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	5110.	7930.	10750.	13570.	16390.	1410.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH	4850.	7600.	10350.	13100.	15850.	1375.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH	5160.	7910.	10660.	13410.	16160.	1375.	150.	100.
	E	CLOSED	DOOR N3 SASH	CONT. SASH	5120.	8030.	10940.	13850.	16760.	1455.	120.	70.
	F	CLOSED	DOOR N8 SASH	CONT. SASH	5430.	8340.	11250.	14160.	17070.	1455.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7  
For exact outside lengths and widths of buildings see page 53.



## MILLIKEN BUILDINGS

Shipped  
from  
Stock

# MILLIKEN BUILDINGS—TYPES 6S2 AND 6V2

Dimensions given in feet (Ft.) and meters (M.)

## SPECIFICATIONS

### STRUCTURAL STEEL WORK

Structural steel frame work of Standardized Truss Unit System throughout. All connections bolted. Diagonal bracing rods furnished on the basis of bracing both end bays and each fourth intermediate bay. All work to have one shop coat of paint.

TYPE 6S2 buildings have columns of standard Units, furnished with set of column anchor bolts in addition to set of lag screws, making use of concrete or timber foundations optional.

TYPE 6V2 buildings have vertical channel bar columns and column anchor bolts for concrete foundations.

### FINISHING WORK

All buildings furnished with enclosure for the roof, side walls and end walls in the form of corrugated galvanized steel sheets, or corrugated asbestos-protected metal sheets. All buildings have galvanized steel gutters, leaders, ridge-roll, eave flashing, gable flashing and corner trim; full complement of clips, bolts and washers for fastening in accordance with prescribed details. The different Styles of buildings shown on opposite page are based on various arrangements of *end wall doors, sash and skylights* as described in the next column.

#### STYLE A

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE B

ROOF—4 steel skylights 5 ft. 2 in. by 5 ft. 3 in. every 20 feet in length of building.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft. (no sash).  
EACH SIDE WALL—Closed without sash.

#### STYLE C

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE D

ROOF—Closed without skylights.  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—2 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet in length of building.

#### STYLE E

ROOF—Closed without skylights.  
EACH END WALL—1 steel hinged door N3, 3 ft. by 7 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

#### STYLE F

ROOF—Closed without skylights  
EACH END WALL—1 steel sliding door N8, 9 ft. by 10 ft.; and 4 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in.  
EACH SIDE WALL—1 steel ventilating sash 6 ft. 2 in. by 4 ft. 8 in. every 20 feet; and a continuous line of steel ventilating and stationary sash 4 ft. 8 in. high.

## LIST PRICES

List prices for various lengths of buildings given on opposite page are in each case for a complete building of the Type, Style and Length shown. Buildings of additional length, in multiples of 20 feet, are furnished at prices found by adding for each additional 20 feet in length the amount given in the column "Add for each 20-foot Length."

The buildings as priced do not include Side Wall Doors. When such doors are required, add the price of each as given in the last two columns. These doors will be of the sliding type, similar in construction to the End Wall Doors and of two sizes:

L4 or K4—4 ft. 5 in. wide by 10 ft. high.

L8 or K8—8 ft. 6 in. wide by 10 ft. high.

Each Side Wall Door is included in a 20-foot Side Door Panel for one side of building, and the price given is the extra cost of this panel over that of the standard 20-foot Side Wall Panel.

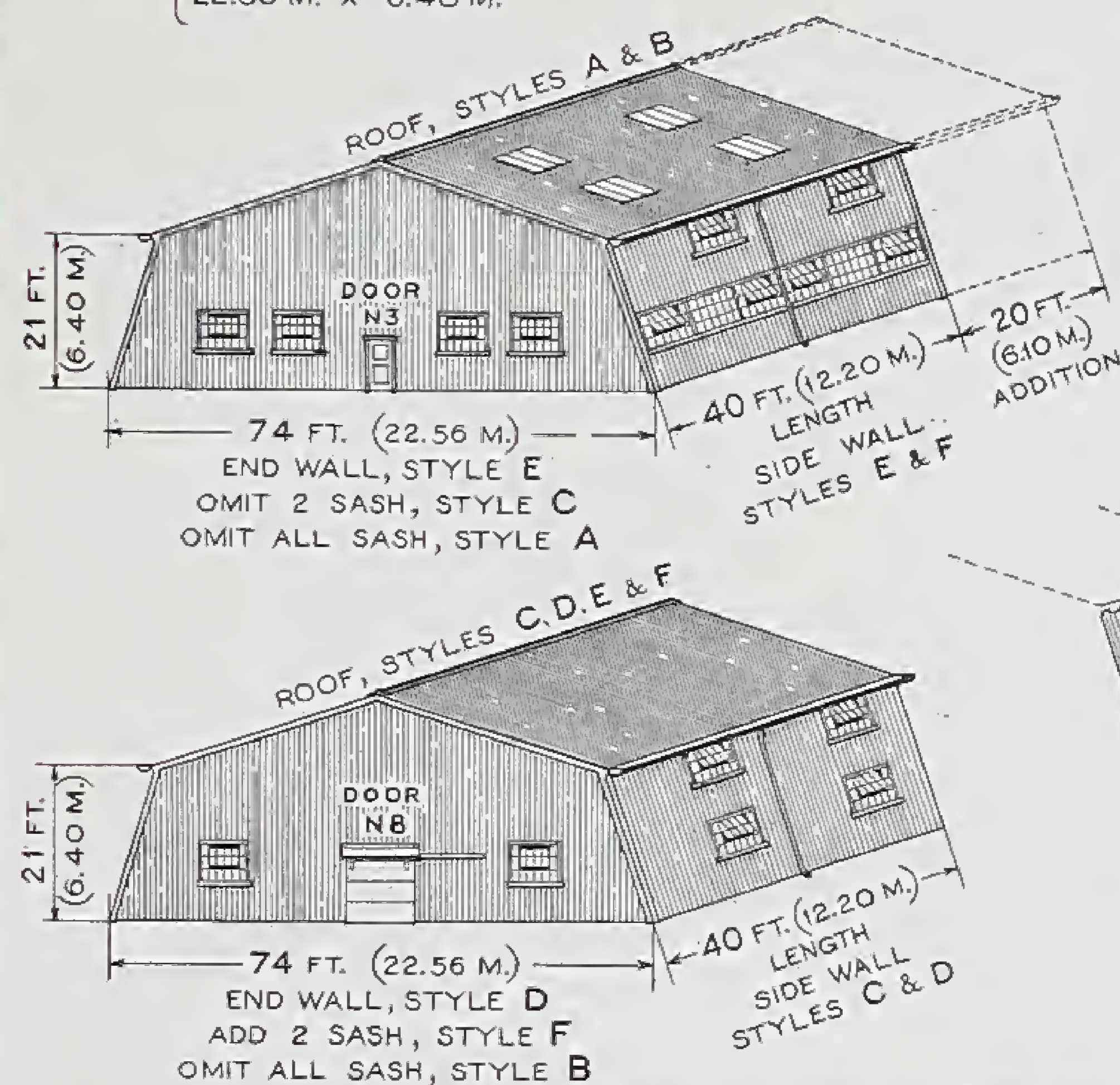
Prices do not include glass for sash or skylights

All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



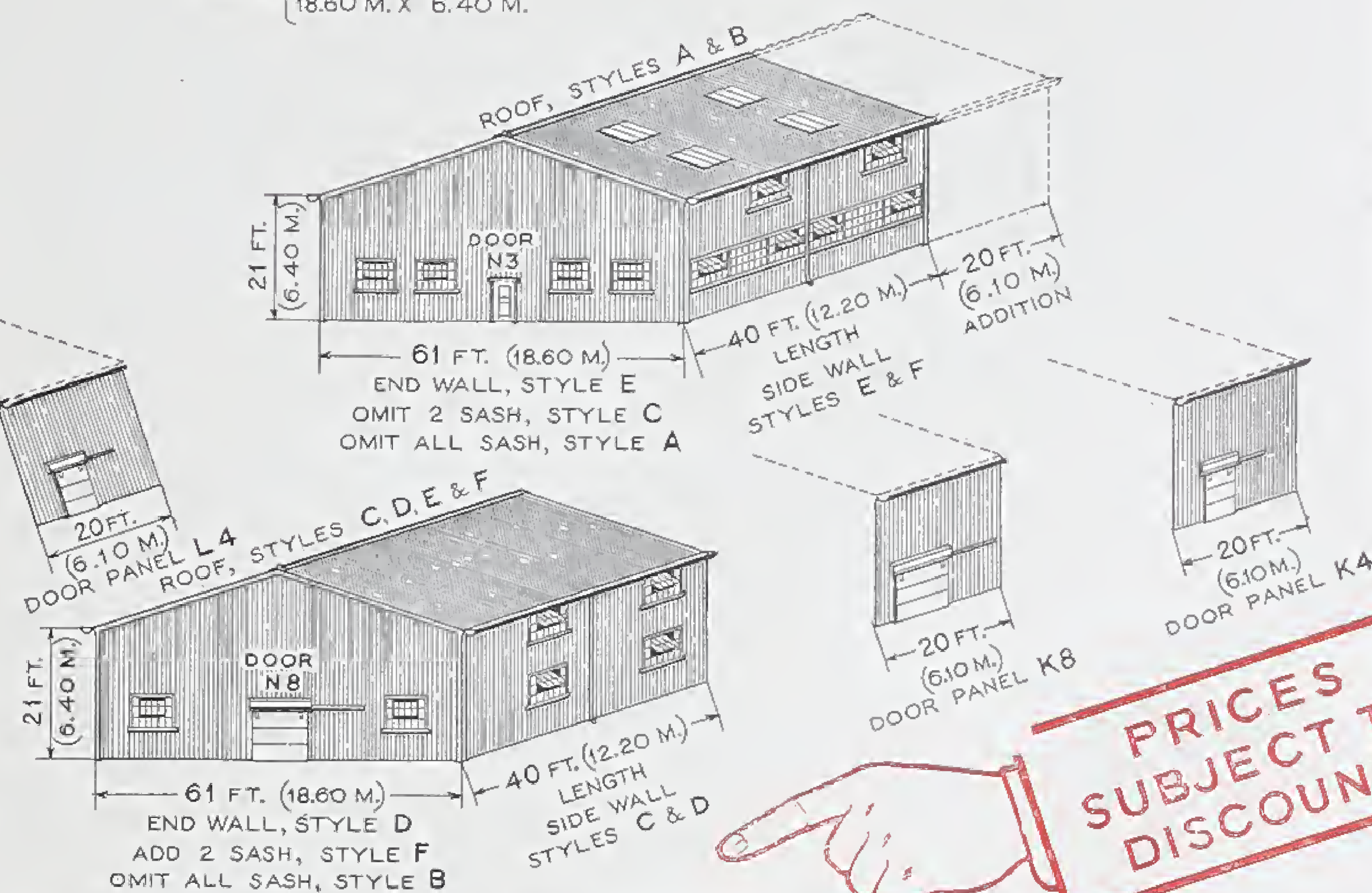
## TYPE 6S2 (SLOPING SIDES)

SIZE { 74 FT. X 21 FT.  
22.56 M. X 6.40 M.



## TYPE 6V2 (VERTICAL SIDES)

SIZE { 61 FT. X 21 FT.  
18.60 M. X 6.40 M.



**MILLIKEN  
BUILDINGS**

Erected  
in a  
Week

**PRICES  
SUBJECT TO  
DISCOUNT**

## PRICE LIST OF MILLIKEN BUILDINGS

TYPE	STYLE	DESCRIPTION			LENGTH OF BUILDING						ADD FOR EACH SIDE DOOR PANEL	
		ROOF	END WALLS	SIDE WALLS	40 FT. 12.20 M.	80 FT. 24.39 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
											L8 OR K8	L4 OR K4
6S2	A	SKYLIGHT	DOOR N3	CLOSED	\$ 5360.	\$ 8360.	\$ 11360.	\$ 14360.	\$ 17360.	\$ 1500.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	5670.	8670.	11670.	14670.	17670.	1500.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH SINGLE SASH	5540.	8590.	11640.	14690.	17740.	1525.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH SINGLE SASH	5840.	8890.	11940.	14990.	18040.	1525.	150.	100.
	E	CLOSED	DOOR N3 SASH	SINGLE SASH CONT. SASH	5800.	9010.	12220.	15430.	18640.	1605.	120.	70.
	F	CLOSED	DOOR N8 SASH	SINGLE SASH CONT. SASH	6110.	9320.	12530.	15740.	18950.	1605.	120.	70.
6V2	A	SKYLIGHT	DOOR N3	CLOSED	\$ 5100.	\$ 8000.	\$ 10900.	\$ 13800.	\$ 16700.	\$ 1450.	\$ 170.	\$ 120.
	B	SKYLIGHT	DOOR N8	CLOSED	5410.	8310.	11210.	14110.	17010.	1450.	170.	120.
	C	CLOSED	DOOR N3 SASH	SINGLE SASH SINGLE SASH	5270.	8220.	11170.	14120.	17070.	1475.	150.	100.
	D	CLOSED	DOOR N8 SASH	SINGLE SASH SINGLE SASH	5580.	8530.	11480.	14430.	17380.	1475.	150.	100.
	E	CLOSED	DOOR N3 SASH	SINGLE SASH CONT. SASH	5540.	8650.	11760.	14870.	17980.	1555.	120.	70.
	F	CLOSED	DOOR N8 SASH	SINGLE SASH CONT. SASH	5850.	8960.	12070.	15180.	18290.	1555.	120.	70.

NOTE CROSS-SECTIONS OF BUILDINGS ON PAGE 7

For exact outside lengths and widths of buildings see page 53.



MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



TABLEWARE SHIPPING BUILDING—ONEIDA COMMUNITY, LTD., SHERRILL, N. Y.  
Building Type 6V1. 61 Feet Wide. 260 Feet Long. 11 Feet High at Eaves.





**MILLIKEN  
BUILDINGS**

—  
Erected  
in a  
Week

TABLEWARE SHIPPING BUILDING—ONEIDA COMMUNITY, LTD., SHERRILL, N. Y.  
Building Type 6V1. 61 Feet Wide. 260 Feet Long. 11 Feet High at Eaves  
Similar Building, 160 Feet Long, Supplied for Hardware Storage



MILLIKEN  
BUILDINGS  
—  
Shipped  
from  
Stock

OCEAN SHIPPING WEIGHTS										SEE FOOT NOTE		
TYPE	STYLE	LENGTH OF BUILDING								ADD FOR EACH 20 FT. LENGTH	ADD FOR EACH SIDE DOOR PANEL	
		20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.		D O O R	
		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		L8 OR K8 TONS	L4 OR K4 TONS
2S1 OR 2V1	A	6	9	12	15	18				3	1.3	0.8
	B	8	11	14	17	20				3	1.3	0.8
	C	6	9	12	14	17				3	1.2	0.7
	D	7	10	13	16	19				3	1.2	0.7
	E	7	10	13	17	20				3	0.9	0.4
	F	8	12	15	18	22				3	0.9	0.4
4S1 OR 4V1	A		13		21		29	38	46	4	1.3	0.8
	B		15		23		31	39	47	4	1.3	0.8
	C		12		20		28	35	43	4	1.2	0.7
	D		14		22		29	37	45	4	1.2	0.7
	E		15		23		32	41	50	5	0.9	0.4
	F		16		25		34	43	51	5	0.9	0.4
6S1 OR 6V1	A		19		31		43	55	67	6	1.3	0.8
	B		21		33		45	57	69	6	1.3	0.8
	C		18		28		38	49	59	5	1.2	0.7
	D		20		30		40	50	60	5	1.2	0.7
	E		20		32		43	55	66	6	0.9	0.4
	F		22		33		44	56	68	6	0.9	0.4

Note: The above weights for complete buildings are given in gross tons of 2,240 pounds, with allowance made for crated and boxed material on the basis of 40 cubic feet per ton.

Steel work is figured shipped "knock-down."



OCEAN SHIPPING WEIGHTS										SEE FOOT NOTE		
TYPE	STYLE	LENGTH OF BUILDING								ADD FOR EACH 20 FT. LENGTH	ADD FOR EACH SIDE DOOR PANEL	
		20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.		DOOR	
		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		K8	K4
2V14	A	7	11	14	18	21				4	1.3	0.8
	B	9	12	16	19	22				4	1.3	0.8
	C	7	10	13	16	19				3	1.2	0.7
	D	9	12	15	18	21				3	1.2	0.7
	E	8	11	15	19	23				4	0.9	0.4
	F	9	13	17	20	24				4	0.9	0.4
4V14	A		15		24		33	42	51	5	1.3	0.8
	B		16		25		34	43	52	5	1.3	0.8
	C		14		23		31	39	47	4	1.2	0.7
	D		16		24		32	41	49	4	1.2	0.7
	E		16		26		35	45	54	5	0.9	0.4
	F		18		27		37	46	56	5	0.9	0.4
6V14	A		22		34		47	60	72	7	1.3	0.8
	B		23		36		48	61	74	7	1.3	0.8
	C		20		31		42	53	64	6	1.2	0.7
	D		22		33		44	55	66	6	1.2	0.7
	E		22		34		46	59	71	6	0.9	0.4
	F		24		36		48	60	74	6	0.9	0.4

MILLIKEN  
BUILDINGS

Erected  
in a  
Week

Note: The above weights for complete buildings are given in gross tons of 2,240 pounds, with allowance made for crated and boxed material on the basis of 40 cubic feet per ton.

Steel work is figured shipped "knock-down."



**MILLIKEN  
BUILDINGS**

Shipped  
from  
Stock

OCEAN SHIPPING WEIGHTS										SEE FOOT NOTE		
TYPE	STYLE	LENGTH OF BUILDING								ADD FOR EACH 20 FT. LENGTH	ADD FOR EACH SIDE DOOR PANEL	
		20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.		DOOR	
		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	K8	K4
2V17	A	9	13	17	21	25				4	1.3	0.8
	B	10	14	18	22	26				4	1.3	0.8
	C	9	13	17	21	25				4	1.2	0.6
	D	10	14	19	23	27				4	1.2	0.6
	E	9	14	19	24	28				5	0.9	0.3
	F	11	16	20	25	30				5	0.9	0.3
4V17	A		17		27		37	48	58	5	1.3	0.8
	B		19		29		39	49	60	5	1.3	0.8
	C		17		27		38	48	58	5	1.2	0.6
	D		19		29		39	50	60	5	1.2	0.6
	E		19		31		42	54	65	6	0.9	0.3
	F		21		32		44	55	67	6	0.9	0.3
6V17	A		24		38		52	66	80	7	1.3	0.8
	B		25		39		53	68	82	7	1.3	0.8
	C		23		36		49	62	75	7	1.2	0.6
	D		25		38		51	64	77	7	1.2	0.6
	E		25		39		54	68	82	7	0.9	0.3
	F		27		41		55	69	84	7	0.9	0.3

Note: The above weights for complete buildings are given in gross tons of 2,240 pounds, with allowance made for crated and boxed material on the basis of 40 cubic feet per ton.

Steel work is figured shipped "knock-down."



O C E A N   S H I P P I N G   W E I G H T S										SEE FOOT NOTE		
TYPE	STYLE	L E N G T H   O F   B U I L D I N G								ADD FOR EACH 20 FT. LENGTH	ADD FOR EACH SIDE DOOR PANEL	
		20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	160 FT. 48.78 M.	200 FT. 60.97 M.		D O O R	
		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		L8 OR K8	L4 OR K4
2S2 OR 2V2	A	9	14	18	23	27				5	1.3	0.8
	B	11	15	20	24	29				5	1.3	0.8
	C	9	14	18	23	27				5	1.2	0.6
	D	11	15	20	24	29				5	1.2	0.6
	E	10	15	20	25	30				5	0.9	0.3
	F	11	17	22	27	32				5	0.9	0.3
4S2 OR 4V2	A		18		29		40	51	62	6	1.3	0.8
	B		20		31		42	53	64	6	1.3	0.8
	C		18		30		41	52	63	6	1.2	0.6
	D		21		32		43	54	65	6	1.2	0.6
	E		20		33		45	57	70	6	0.9	0.3
	F		22		34		47	59	71	6	0.9	0.3
6S2 OR 6V2	A		25		40		55	70	85	8	1.3	0.8
	B		27		42		57	72	87	8	1.3	0.8
	C		25		39		52	66	80	7	1.2	0.6
	D		27		40		54	68	82	7	1.2	0.6
	E		27		42		57	72	87	8	0.9	0.3
	F		28		43		59	74	89	8	0.9	0.3

**MILLIKEN  
BUILDINGS**

**Erected  
in a  
Week**

Note: The above weights for complete buildings are given in gross tons of 2,240 pounds, with allowance made for crated and boxed material on the basis of 40 cubic feet per ton.

Steel work is figured shipped "knock-down."



# SPECIAL FURNISHINGS



**PRICES  
SUBJECT TO  
DISCOUNT**

## ADDITIONAL ROOF VENTILATION

The opposite page illustrates several methods by which additional roof ventilation may be obtained for MILLIKEN BUILDINGS. The features shown are provided only when so ordered and at the additional prices given.

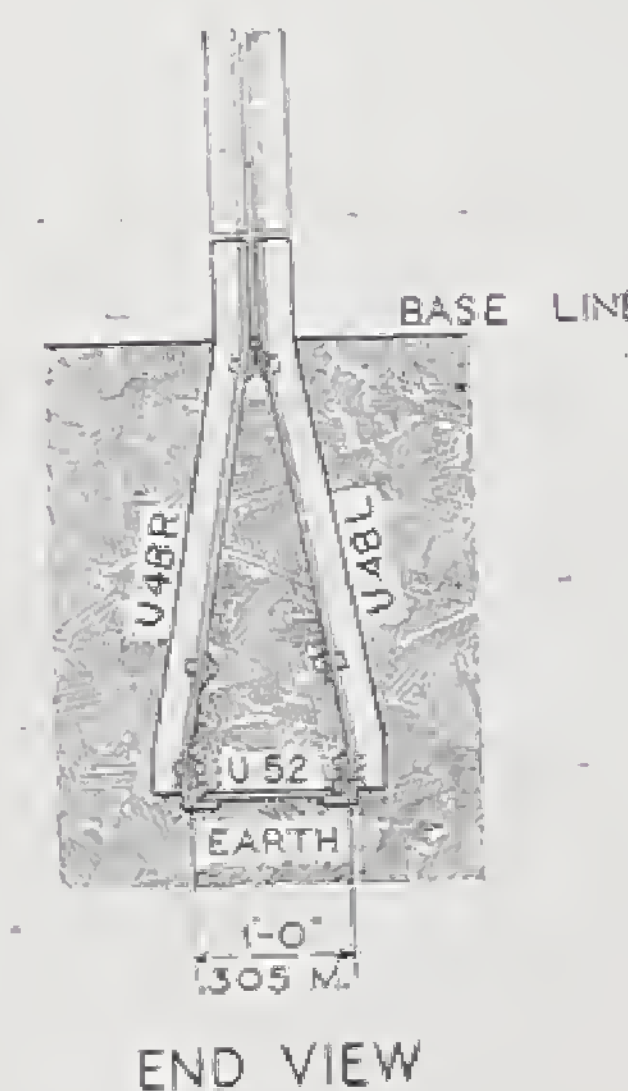
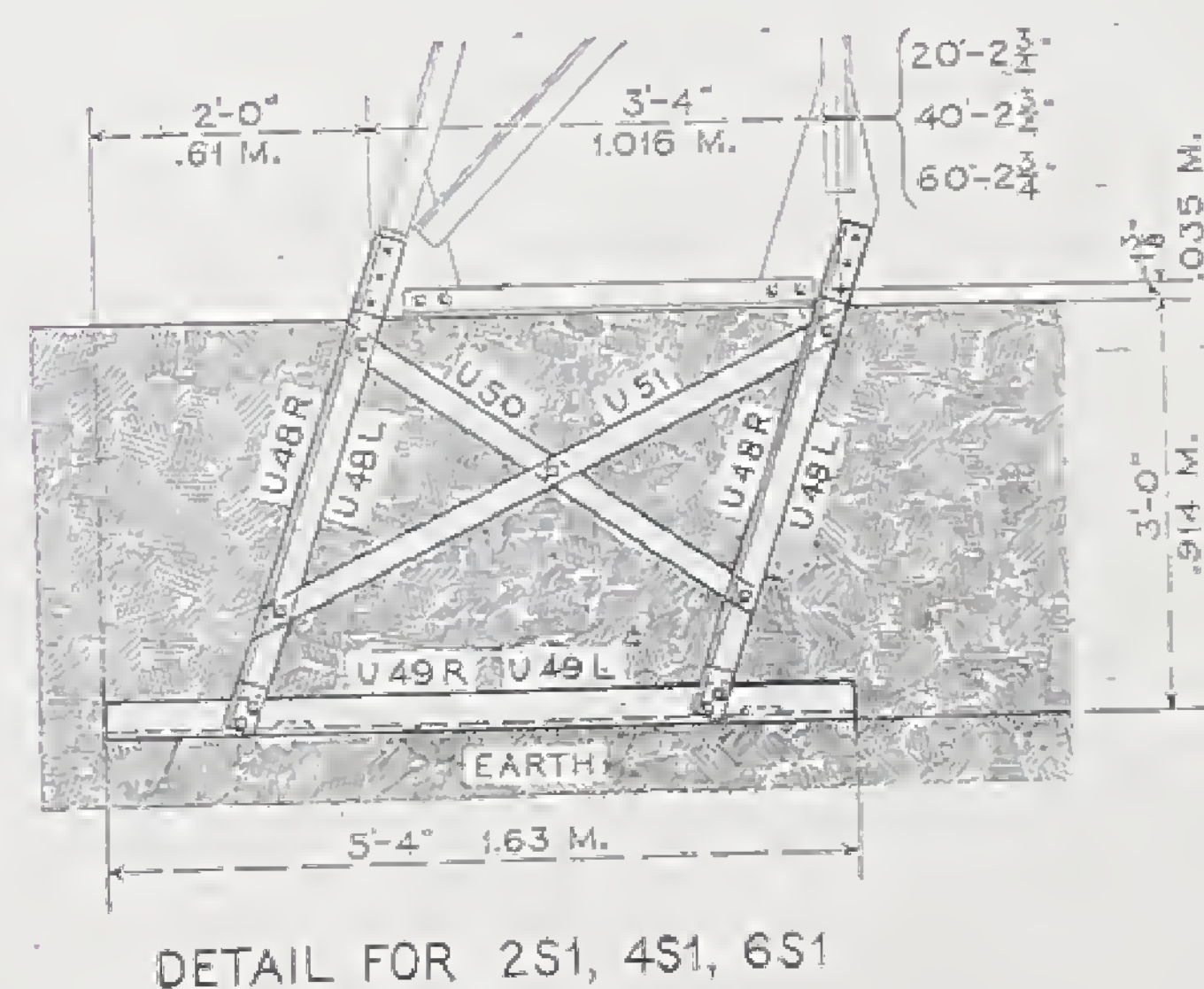
### Figure I. Eave Openings

These provide a continuous opening at both eaves, the full length of building, and are weather protected by special over-hang of the corrugated roof, with or without galvanized steel gutters and leaders.

List Price of Eave Openings for each 20 feet length of building (both sides of building):  
With gutters and leaders.....\$47.00  
Without gutters and leaders.....\$22.00

### Figure II. Ridge Monitor

This consists of a built-up steel monitor frame readily attached to any building, covered on roof and both ends with corrugated sheets, and on sides with fixed ventilating louvers. The corrugated sheets and louvers are furnished either of galvanized steel or of asbestos-protected metal, as ordered.  
List Price for each 20 feet length of Monitor.....\$150.00



## Figure III. Ridge Circular Ventilators

These are standard galvanized steel rain-proof ventilators, provided with suitable base for attaching directly to corrugated roofing.

### List Price for each Ventilator

12 inch diameter.....\$10.00	20 inch diameter.....\$20.00
16 inch diameter.....\$15.00	24 inch diameter.....\$25.00
18 inch diameter.....\$18.00	

## "ALL-STEEL" FOUNDATIONS

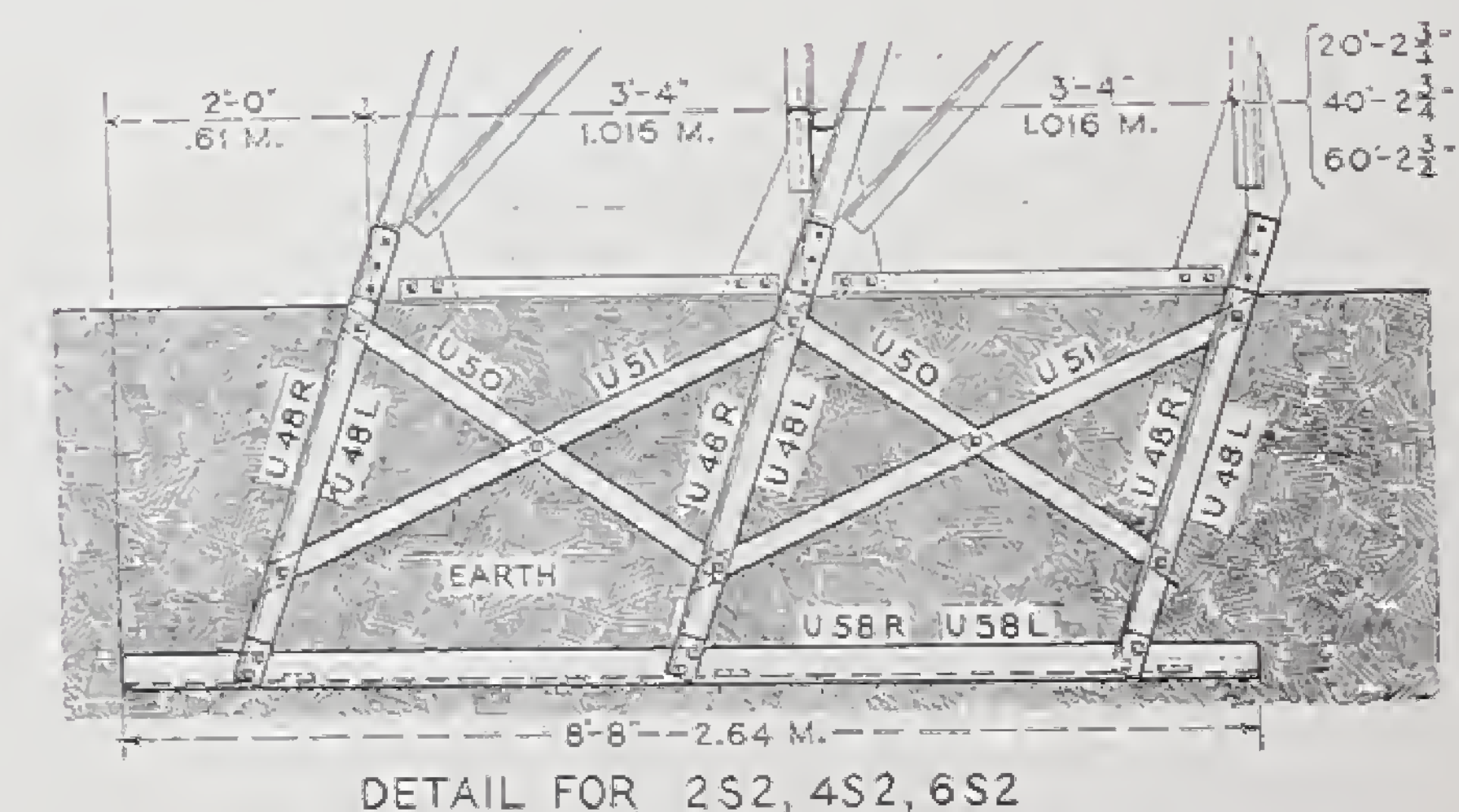
The Foundations illustrated below are of structural steel, readily fitted to the Unit columns of all buildings with sloping sides, viz.: Types 2S1, 4S1, 6S1, 2S2, 4S2 and 6S2. In ordinary good earth these Foundations will furnish all necessary stability to the building, so that concrete or other forms of Foundations may be entirely eliminated. "All-steel" Foundations are always furnished galvanized.

With the use of these Foundations all that is necessary is to dig trenches, each 2 feet wide by 3 feet deep, set the Foundations and refill with well tamped earth.

### List Price for each Foundation (for one column):

For Type 2S1, 4S1 or 6S1 columns.....\$17.00
For Type 2S2, 4S2 or 6S2 columns.....\$28.00

Note: All prices in U. S. currency, f. o. b. cars or f. o. b. steamer New York.



"ALL-STEEL" FOUNDATIONS FOR BUILDING  
TYPES 2S1, 4S1, 6S1, 2S2, 4S2, 6S2

**MILLIKEN  
BUILDINGS**

Shipped  
from  
Stock



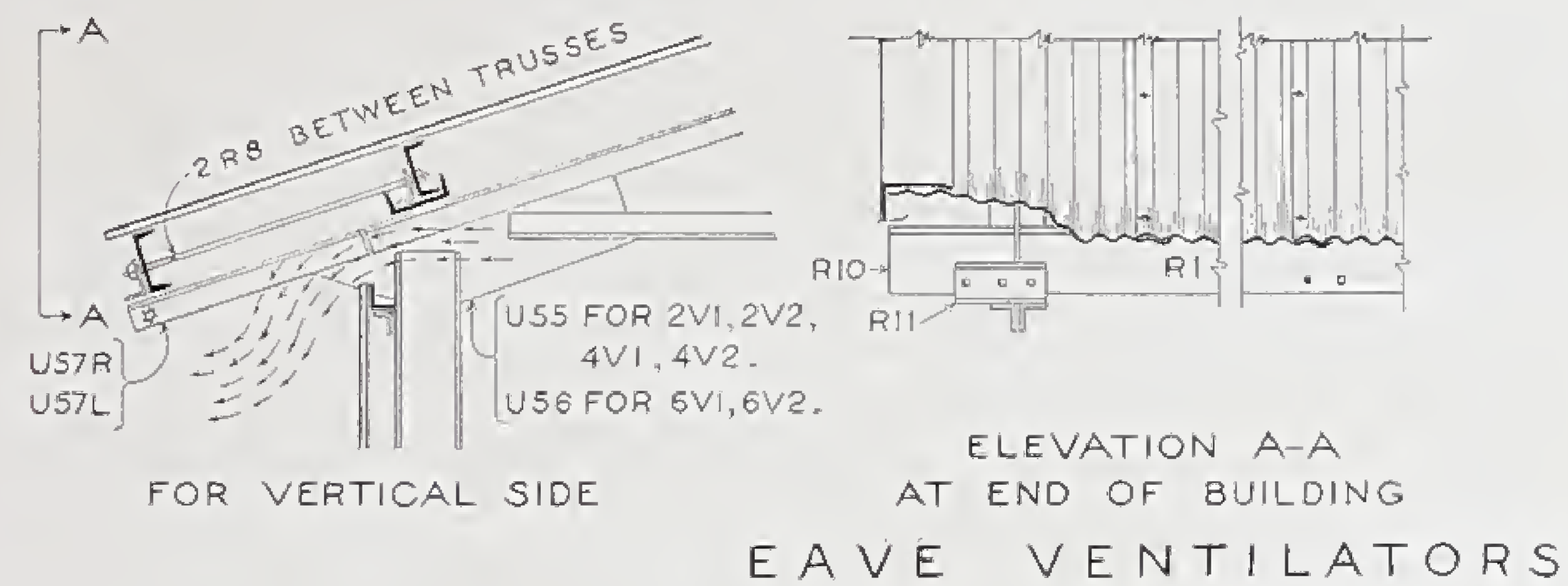


FIG. I.

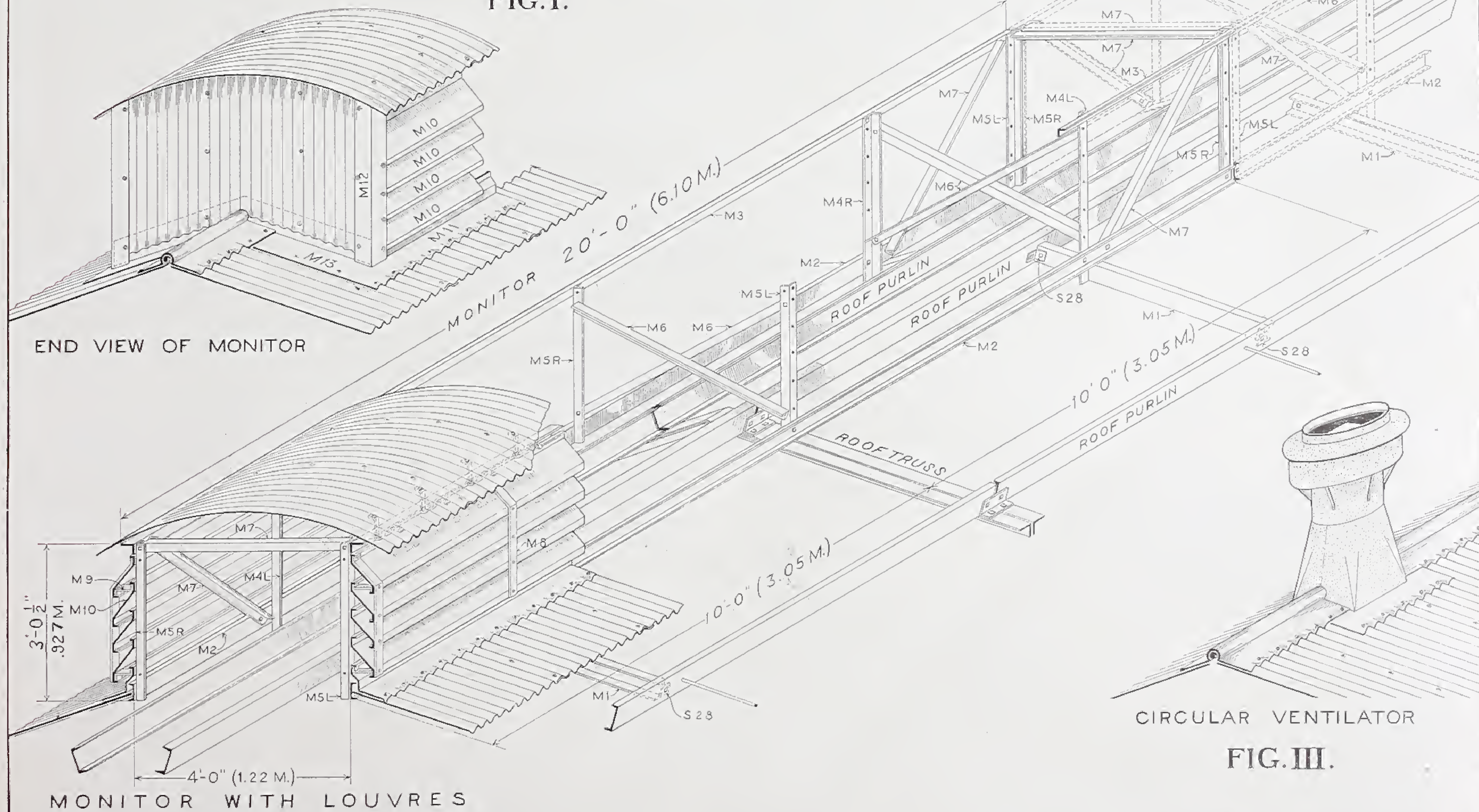


FIG. II.

FIG. III.

DETAILS OF ROOF VENTILATORS

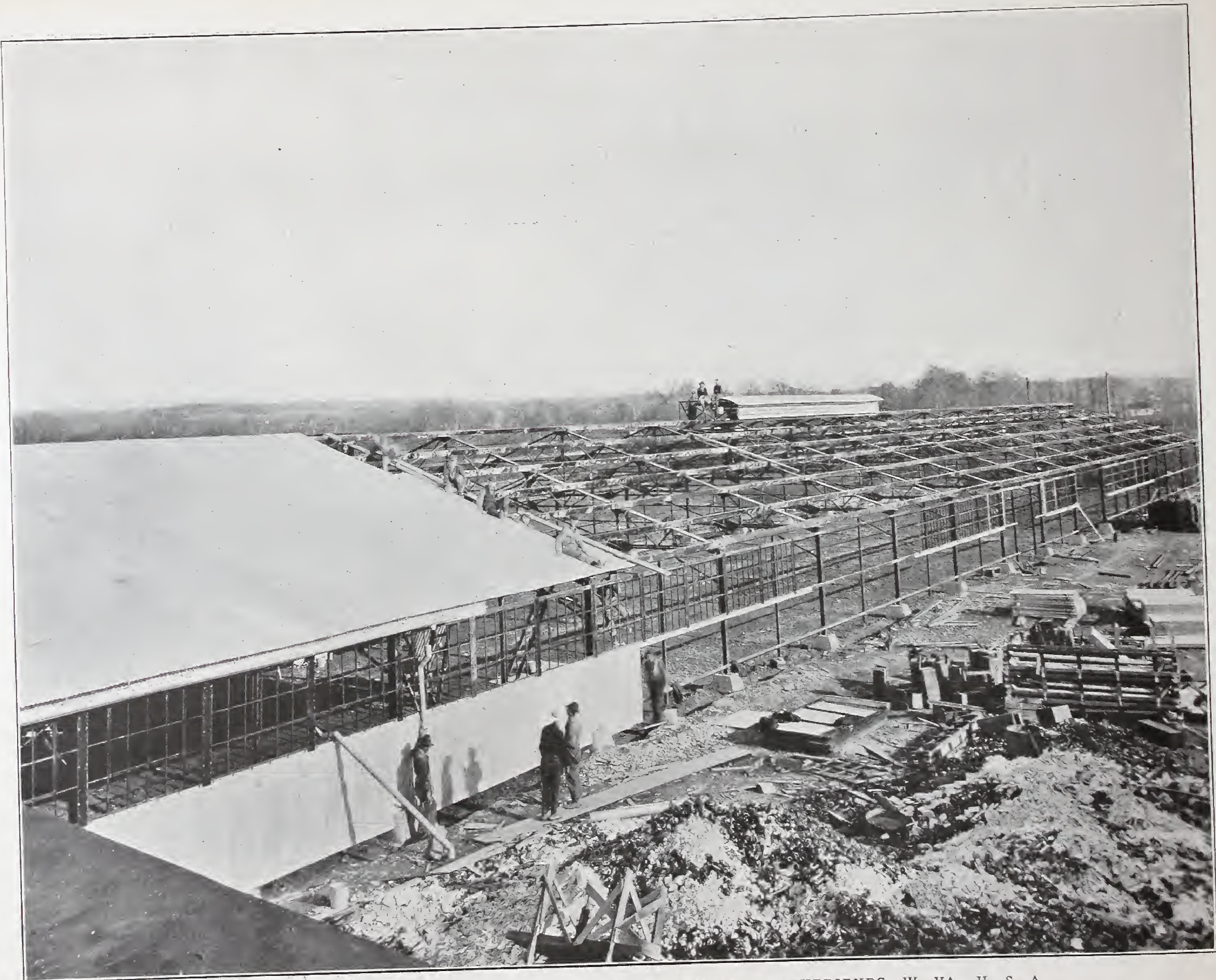
MILLIKEN  
BUILDINGS

Erected  
in a  
Week



MILLIKEN  
BUILDINGS

Shipped  
from  
Stock

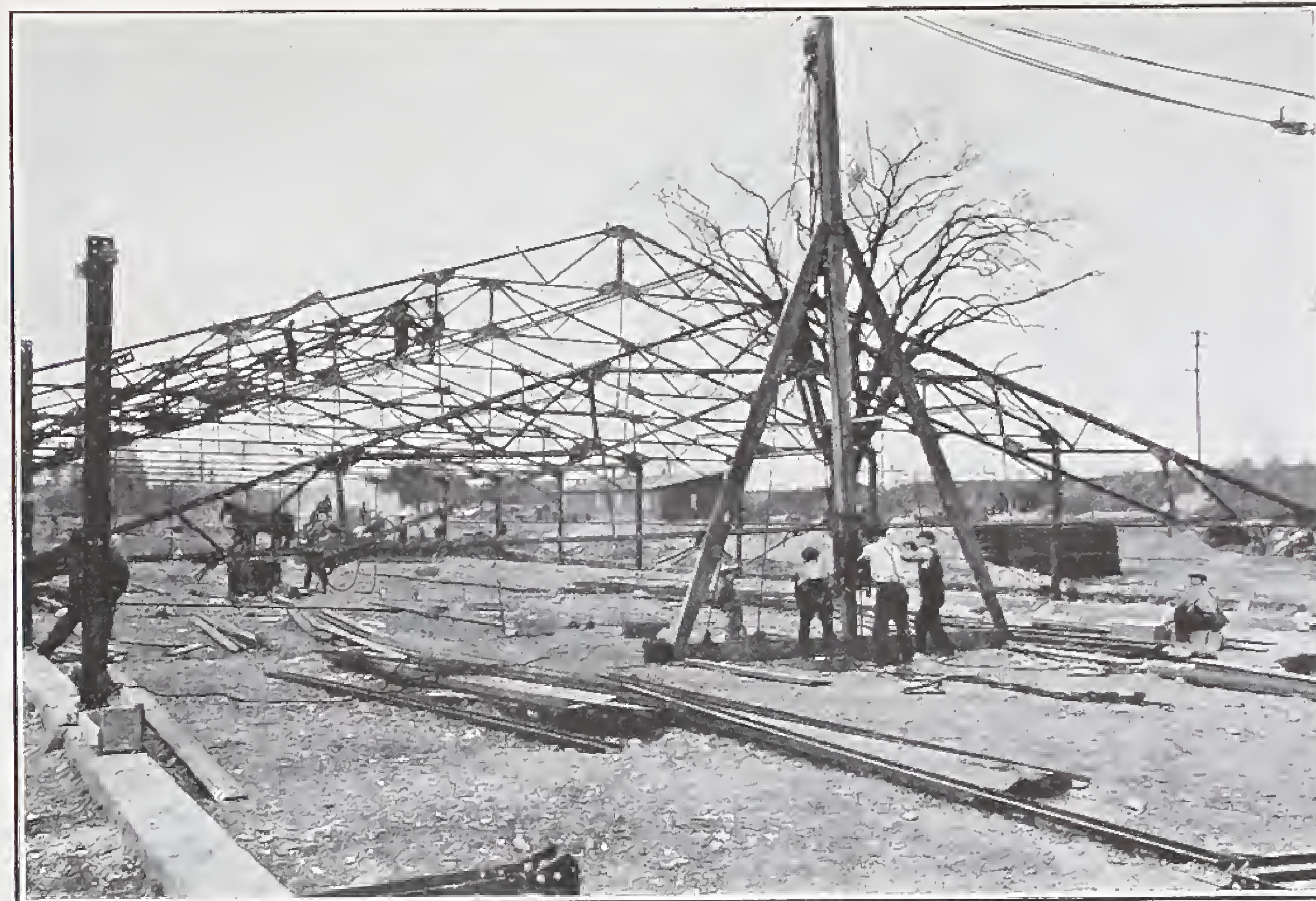


KILN AND STORAGE BUILDING, GENERAL PORCELAIN COMPANY, PARKERSBURG, W. VA., U. S. A.  
— Building-Type-6V1: 61 Feet Wide: 350 Feet Long: 11 Feet High at Eaves.  
In Course of Erection

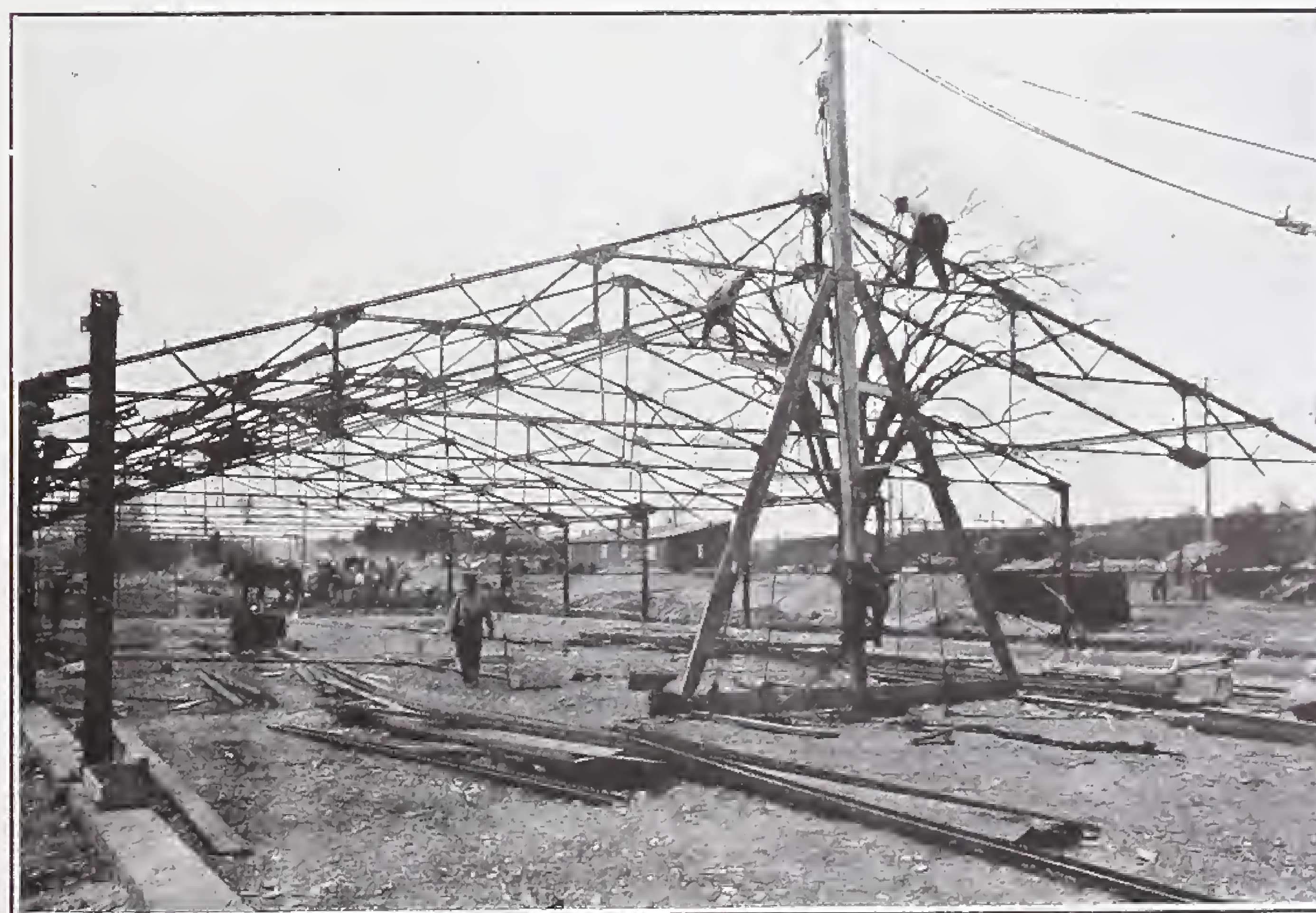




1. ASSEMBLING 60-FOOT TRUSS ON THE GROUND



2. RAISING TRUSS INTO POSITION



3. BOLTING TRUSS TO COLUMNS AND LIFTING  
ROOF PURLINS INTO POSITION

## ERECTION

The simplicity of erecting the MILLIKEN BUILDING is one of its attractive features. The tools consist merely of a gin pole, a hand winch, hoisting rope and a few wrenches. No riveting necessary.

A detailed description of the approved method of assembling and erecting MILLIKEN BUILDINGS is given in our ERECTION HANDBOOK, Catalog No. 19, which will be furnished on request.

PHOTOGRAPHS ON THIS PAGE ILLUSTRATE THE ERECTION OF  
A STANDARD MILLIKEN BUILDING TYPE 6V1.

MILLIKEN  
BUILDINGS

Erected  
in a  
Week



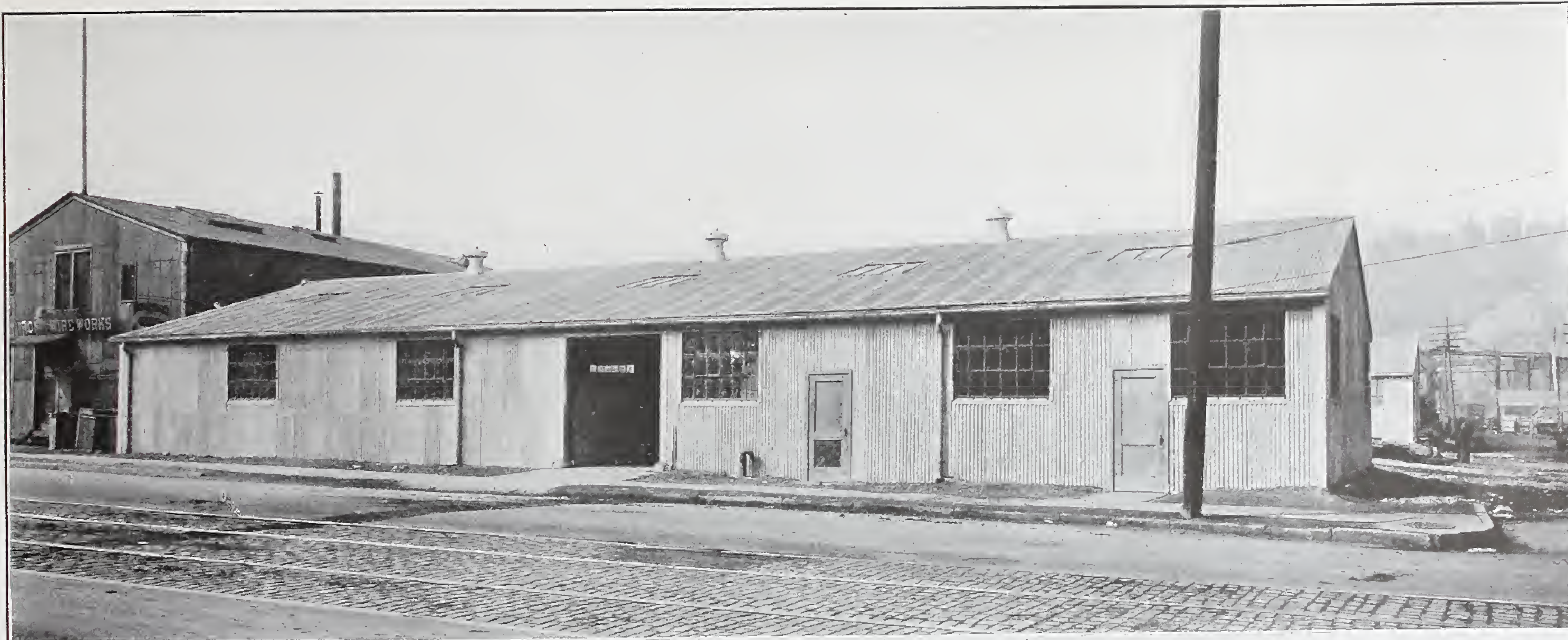
MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



PAINT SHOP, ROBERT JACOB, CITY ISLAND, N. Y., U. S. A.  
Building Type 2V1. 21 Feet Wide. 60 Feet Long. 11 Feet High at Eaves.





# MILLIKEN BUILDINGS

Erected  
in a  
Week



MILLIKEN STEEL WAREHOUSES, HOBOKEN, N. J., U. S. A.  
Upper Building Type 4V1. 41 Feet Wide. 100 Feet Long. 11 Feet High at Eaves  
Lower Building Type 4S1. 47 Feet Wide. 100 Feet Long. 11 Feet High at Eaves



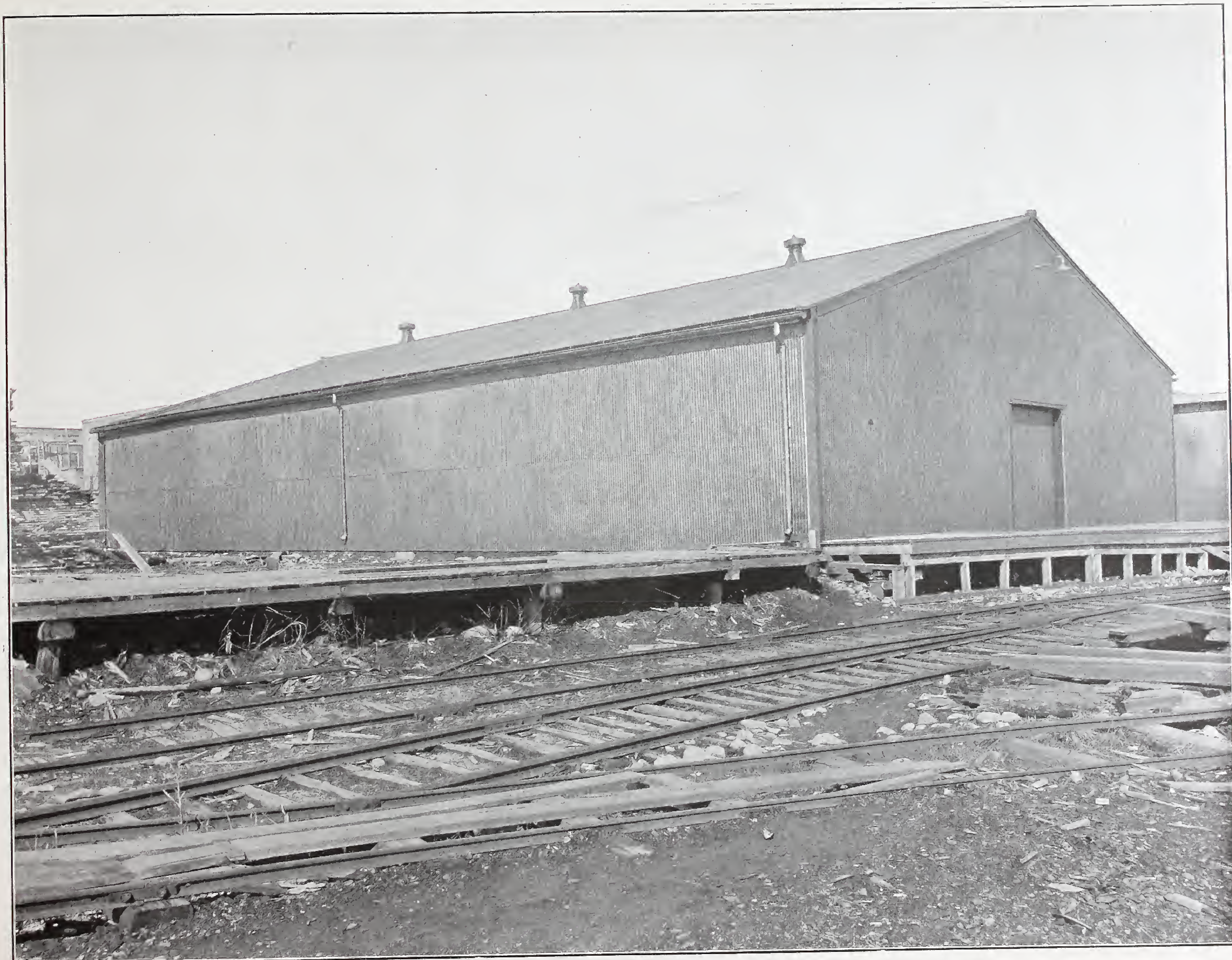
MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



HEAT TREAT BUILDING. YALE & TOWNE MANUFACTURING CO., STAMFORD, CONN., U. S. A.  
Building Type 4V17. 40 Feet Wide. 80 Feet Long. 17 Feet High at Eaves.





**MILLIKEN  
BUILDINGS**

—  
**Erected  
in a  
Week**

PAPER WAREHOUSE, EASTERN MANUFACTURING COMPANY, SOUTH BREWER, MAINE, U. S. A.  
Building Type 6V14. 61 Feet Wide. 100 Feet Long. 14 Feet High at Eaves.  
Duplicate Building for Same Company at Lincoln, Maine.



MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



FISH CANNERY BUILDING. FRAZAR & CO., OTARU, JAPAN.  
Building Type 6S2. 74 Feet Wide. 240 Feet Long. 21 Feet High at Eaves.





**MILLIKEN  
BUILDINGS**

—  
Erected  
in a  
Week

INTERIOR VIEW—GARAGE BUILDING, THE PREST-O-LITE CO., INDIANAPOLIS, IND., U. S. A.  
Center Roof Span 40 Feet Wide. Interior Columns 18 Feet High. Side Bays Each 20 Feet Wide. 11 Feet High at Eaves.



MILLIKEN  
BUILDINGS

Shipped  
from  
Stock



TYPICAL SUGAR WAREHOUSE IN CUBA.

Building Type 6S2. 74 Feet Wide. 21 Feet High at Eaves.

Note the Additional Storage Space Available Between the Sloping Side Columns.



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**PRICE LISTS**  
**OF**  
**STRUCTURAL STEEL FRAMEWORK**  
**FOR**  
**MILLIKEN BUILDINGS**



THE price lists on foregoing pages cover complete all-steel MILLIKEN BUILDINGS as specified, including corrugated steel enclosure, sash, doors, skylights, and finishing trim in addition to the structural steel framework which is the basic feature of every MILLIKEN BUILDING.

The merits of the MILLIKEN structural steel framework, which has been particularly designed to receive various types of enclosure, have met with wide recognition, and we supply a large demand for the complete structural steel framework for buildings, omitting the enclosure and miscellaneous finishing items.

We, therefore, give on the following pages 48, 49, 50 and 51, price lists of the structural steel framework for MILLIKEN BUILDINGS of various cross-sections, in widths from 20 feet to 120 feet, and in heights of 11, 14, 17 and 21 feet at the eaves. The cross-sections shown represent the types of buildings in most general use, as follows:

**PAGE 48—SINGLE-SPAN BUILDINGS**

Framework for the standard types of buildings listed on foregoing pages. All of these buildings have clear-span roof trusses without interior columns. Widths 20, 40 and 60 feet.

**PAGE 49—EXTRA-WIDTH BUILDINGS WITH INTERIOR COLUMNS**

Extra-width buildings, with two lines of interior columns. Widths 80, 100 and 120 feet.

**PAGE 50—CLERESTORY TYPE BUILDINGS**

Clerestory type buildings, with the central portion of the roof raised, affording light and ventilation along the sides of the clerestory. Widths 80, 100 and 120 feet.

**PAGE 51—SAW-TOOTH TYPE BUILDINGS**

Buildings with saw-tooth roofs. These buildings afford light and ventilation along each line of the indented roofs, and are very popular for manufacturing buildings where an even distribution of light is required throughout the whole floor area. Widths listed, 30, 60 and 90 feet. These widths can be increased indefinitely by adding 30 foot sections.

**LIST PRICES**

The list prices given on pages 48, 49, 50 and 51 are in each case for the complete structural steel framework for a building of the cross-section, height and length indicated.

The framework for each building comprises all material to make up a complete steel skeleton frame structure. It includes columns, trusses, roof purlins, siding girts for sides and ends of building, bracing struts and rods, sag rods, door and window framing and all connection members, erection bolts and foundation anchor bolts.

All connections bolted. All material painted one shop coat of paint.

For buildings of additional length, add for each additional 20 feet in length the amount given in the column headed "Add for each 20 Ft. Length."

Unless otherwise specified by the customer, framing will be provided for one door 9 feet wide by 10 feet high in each end of the building. Either of these door openings can be made larger or smaller, or can be omitted entirely if desired.

When openings are to be framed for doors in the sides of the building, add the price for each door as given in the last two columns of the price list.

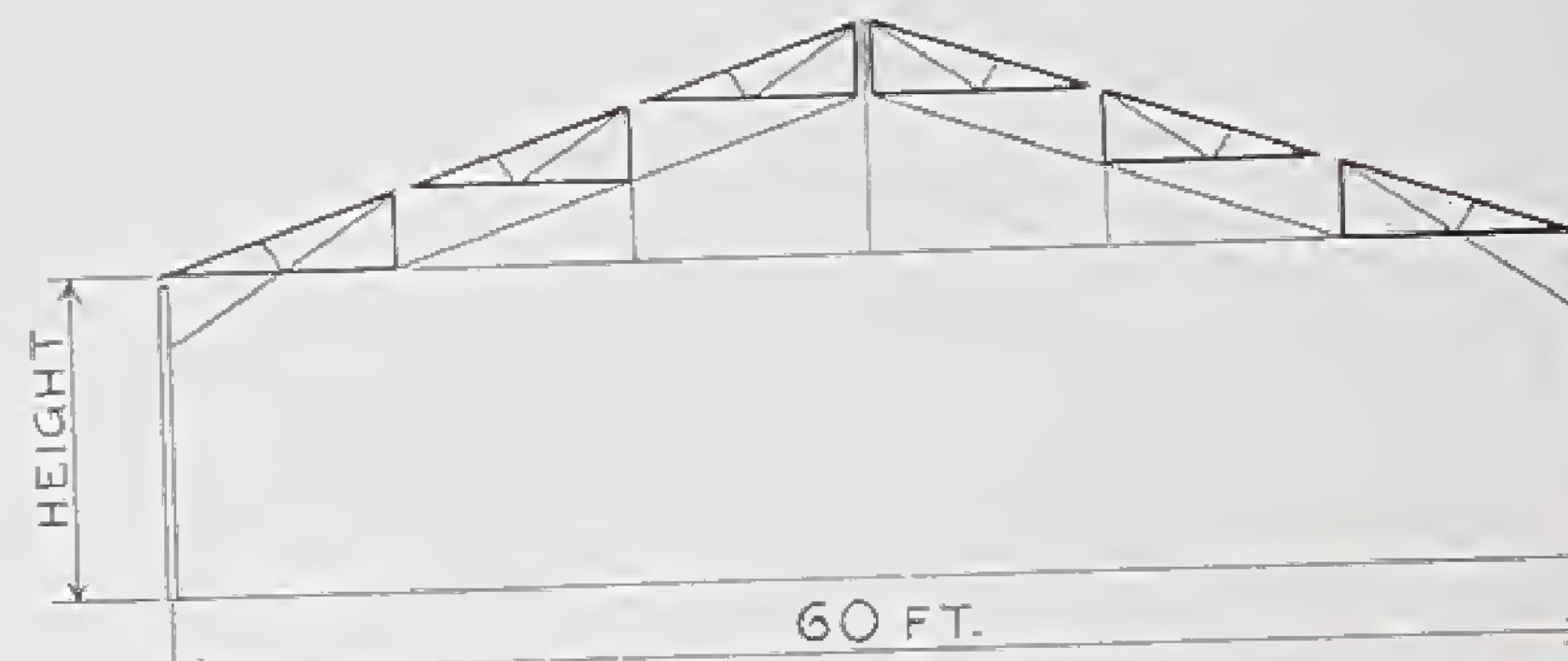
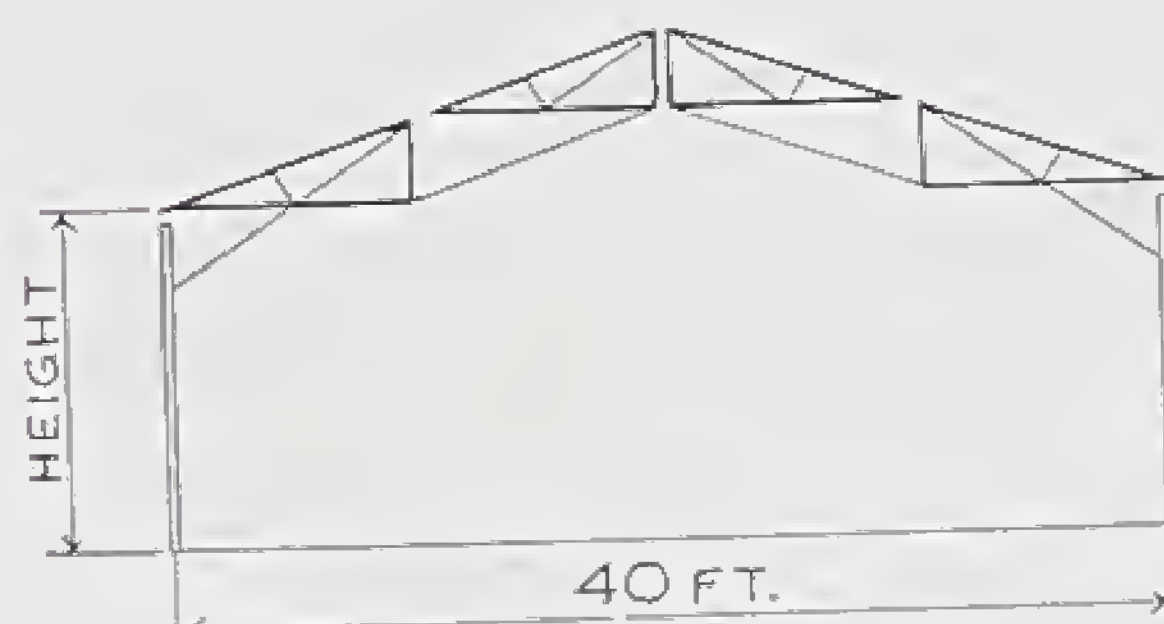
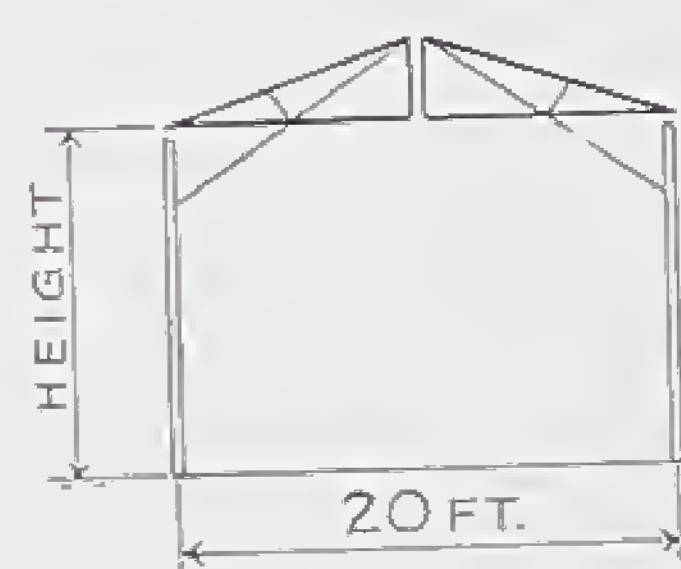
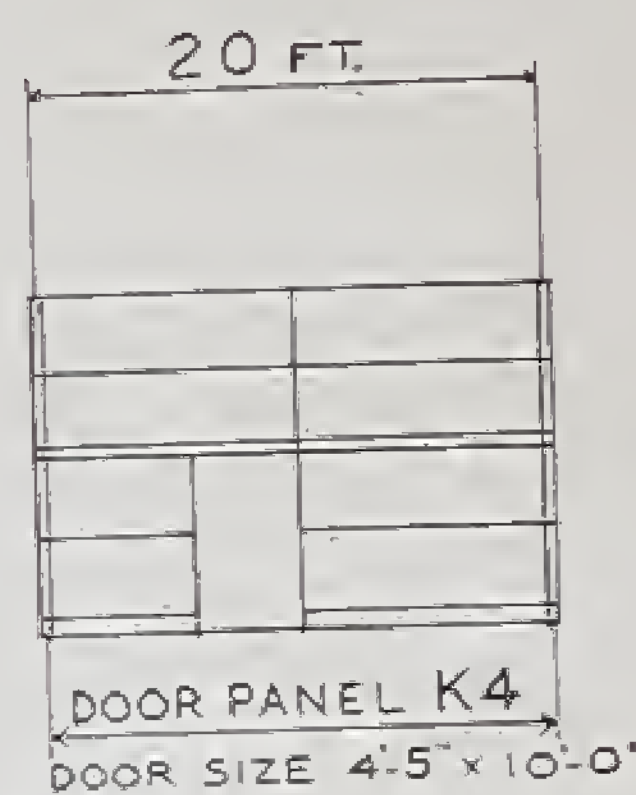
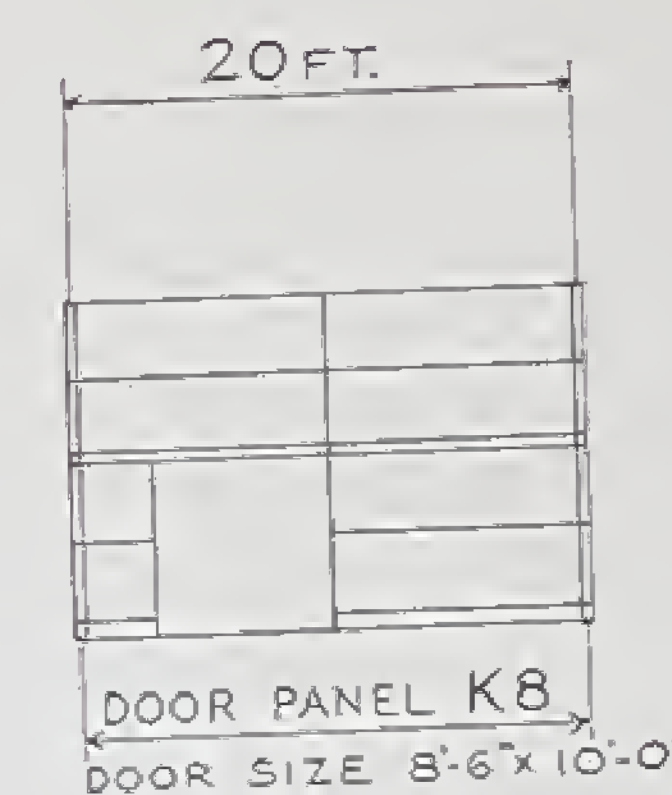
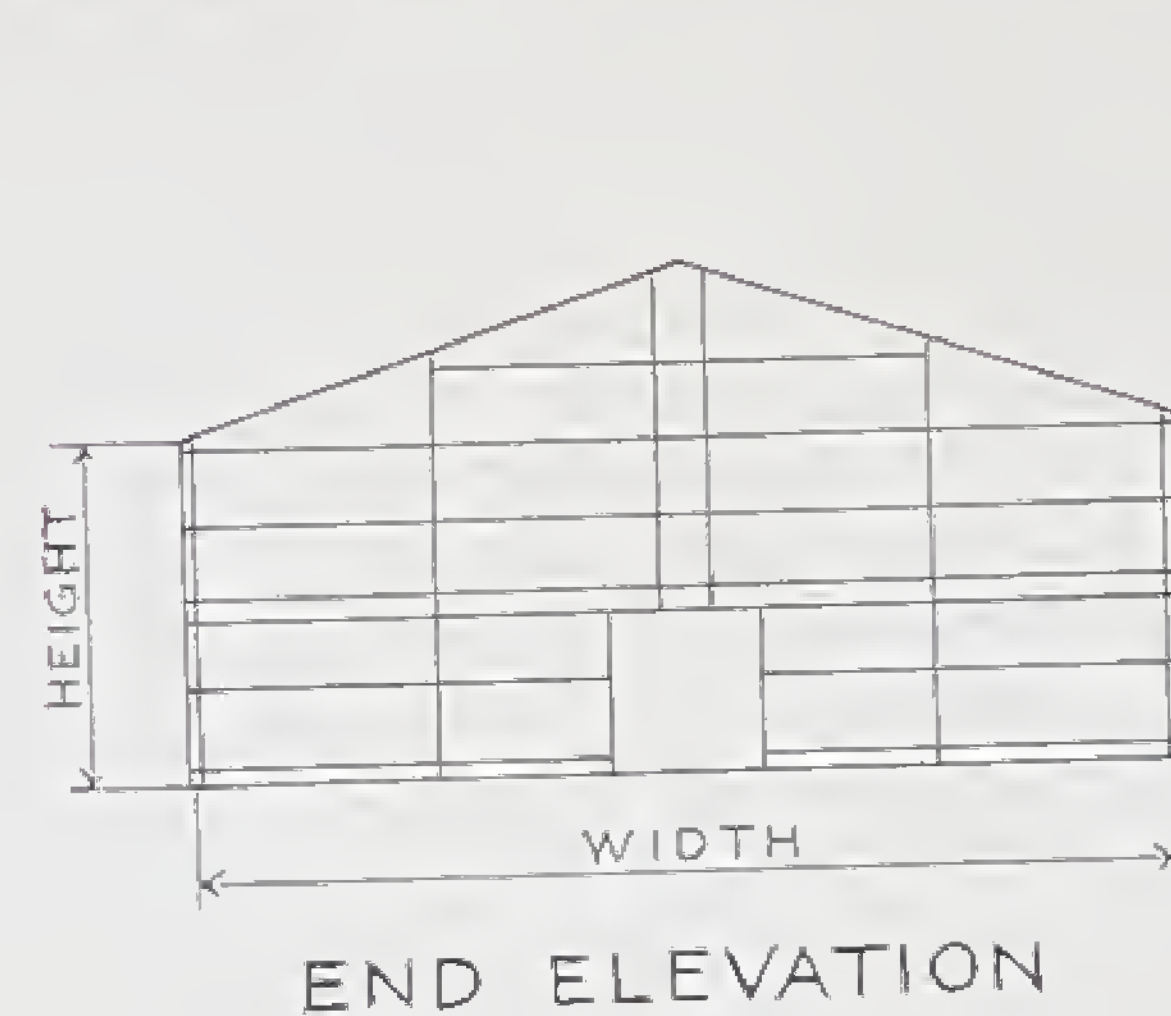
**MILLIKEN  
BUILDINGS**

**Erected  
in a  
Week**



MILLIKEN  
BUILDINGS

Shipped  
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Stock



CROSS SECTIONS OF BUILDINGS  
THESE BUILDINGS HAVE CLEAR SPAN ROOF TRUSSES WITHOUT INTERIOR COLUMNS

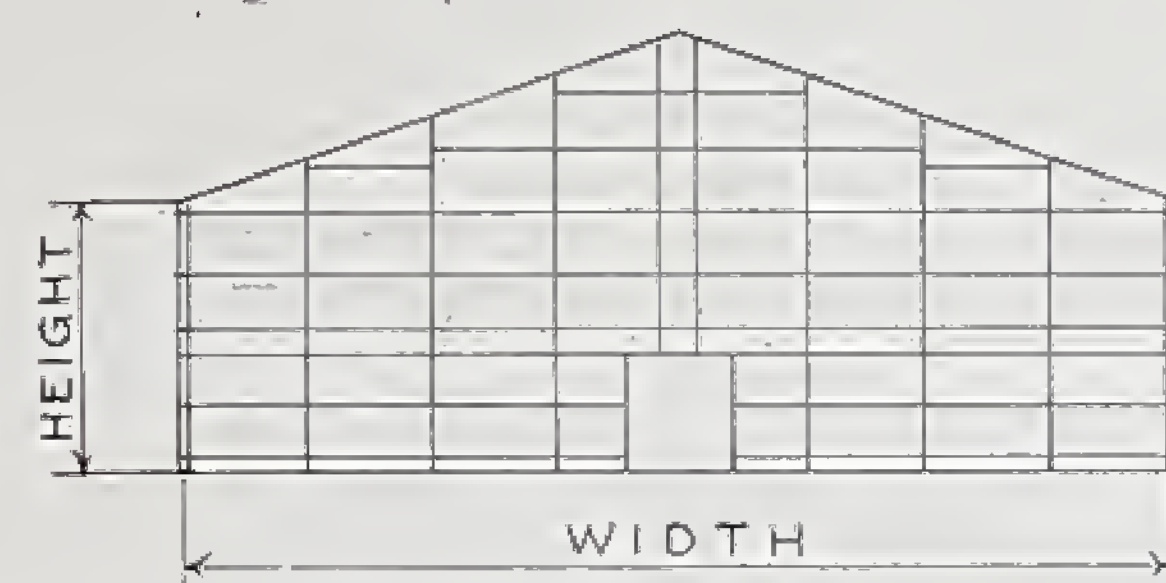
PRICES  
SUBJECT TO  
DISCOUNT

## PRICE LIST OF STRUCTURAL STEEL FRAMEWORK FOR MILLIKEN BUILDINGS

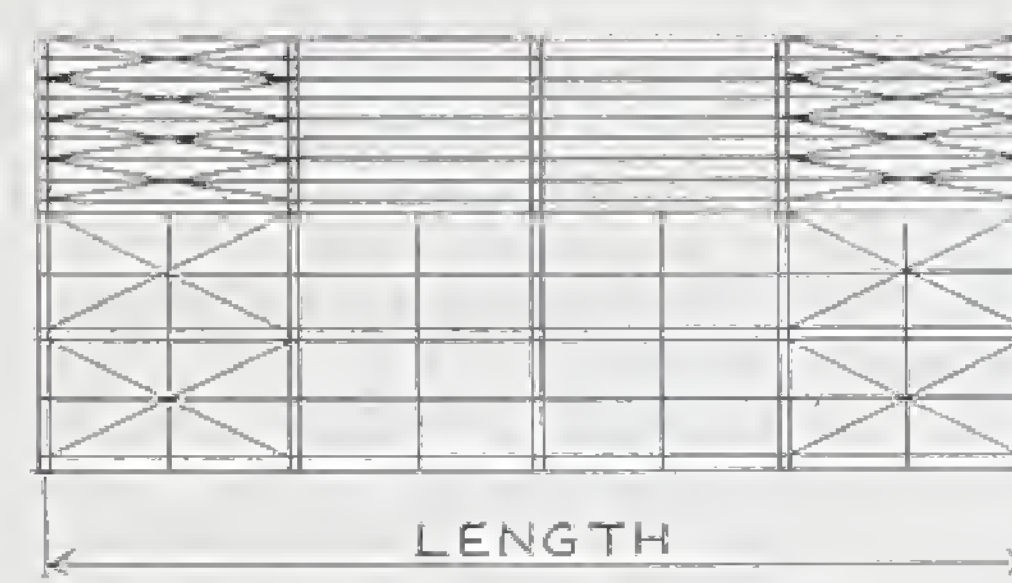
WIDTH OF BLDG.	HEIGHT		LENGTH OF BUILDING										ADD FOR EACH 20 FT. LENGTH	DOOR	
	FT.	M.	20 FT. 6.10 M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	140 FT. 42.68 M.	160 FT. 48.78 M.	180 FT. 54.88 M.	200 FT. 60.97 M.		K8	K4
20 FT. 6.10 M.	11	3.35	\$ 560.	\$ 850.	\$ 1140.	\$ 1430.	\$ 1720.	\$ 2010.	\$ 2300.	\$ 2590.	\$ 2880.	\$ 3170.	\$ 290.	\$ 18.	\$ 20.
	14	4.27	690.	1030.	1370.	1710.	2050.	2390.	2730.	3070.	3410.	3750.	340.	18.	20.
	17	5.19	800.	1220.	1640.	2060.	2480.	2900.	3320.	3740.	4160.	4580.	420.	18.	20.
	21	6.40	870.	1305.	1740.	2175.	2610.	3045.	3480.	3915.	4350.	4785.	435.	18.	20.
40 FT. 12.20 M.	11	3.35	\$ 900.	\$ 1325.	\$ 1750.	\$ 2175.	\$ 2600.	\$ 3025.	\$ 3450.	\$ 3875.	\$ 4300.	\$ 4725.	\$ 425.	\$ 18.	\$ 20.
	14	4.27	1085.	1560.	2035.	2510.	2985.	3460.	3935.	4410.	4885.	5360.	475.	18.	20.
	17	5.19	1250.	1805.	2360.	2915.	3470.	4025.	4580.	5135.	5690.	6245.	555.	18.	20.
	21	6.40	1360.	1935.	2510.	3085.	3660.	4235.	4810.	5385.	5960.	6535.	575.	18.	20.
60 FT. 18.29 M.	11	3.35	\$ 1400.	\$ 2045.	\$ 2690.	\$ 3335.	\$ 3980.	\$ 4625.	\$ 5270.	\$ 5915.	\$ 6560.	\$ 7205.	\$ 645.	\$ 18.	\$ 20.
	14	4.27	1710.	2405.	3100.	3795.	4490.	5185.	5880.	6575.	7270.	7965.	695.	18.	20.
	17	5.19	1890.	2665.	3440.	4215.	4990.	5765.	6540.	7315.	8090.	8865.	775.	18.	20.
	21	6.40	2080.	2870.	3660.	4450.	5240.	6030.	6820.	7610.	8400.	9190.	790.	18.	20.

For exact outside lengths and widths of buildings see page 53.

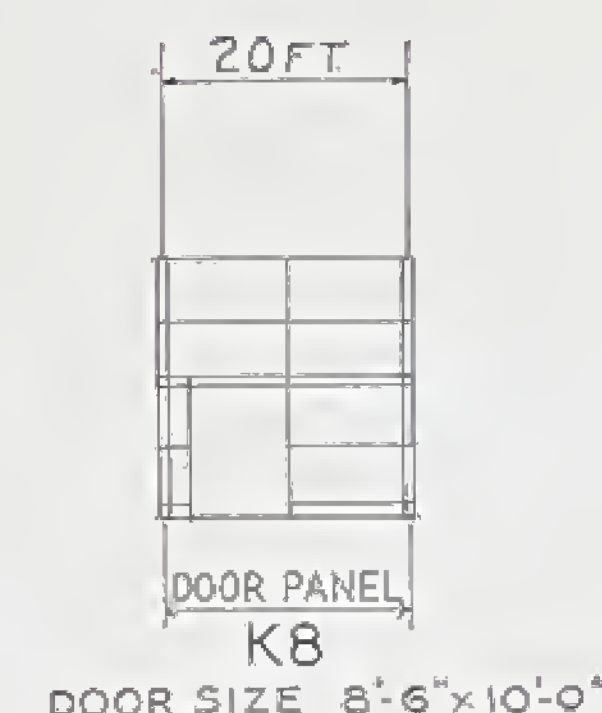




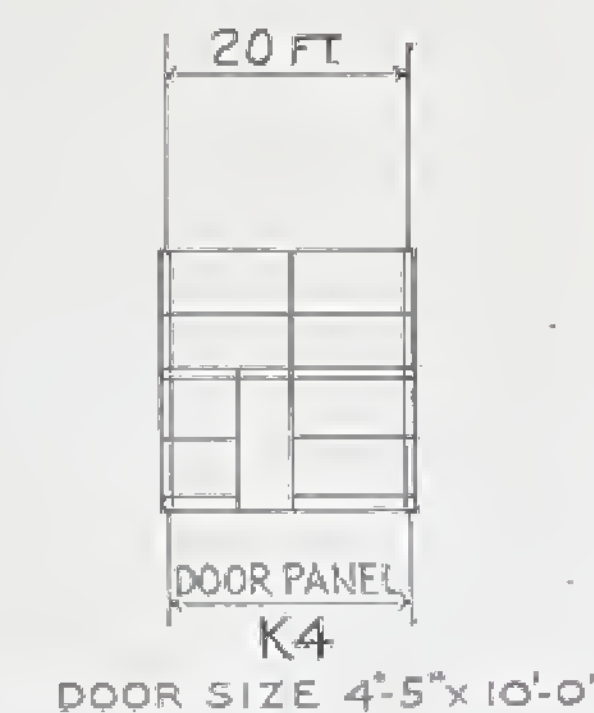
END ELEVATION



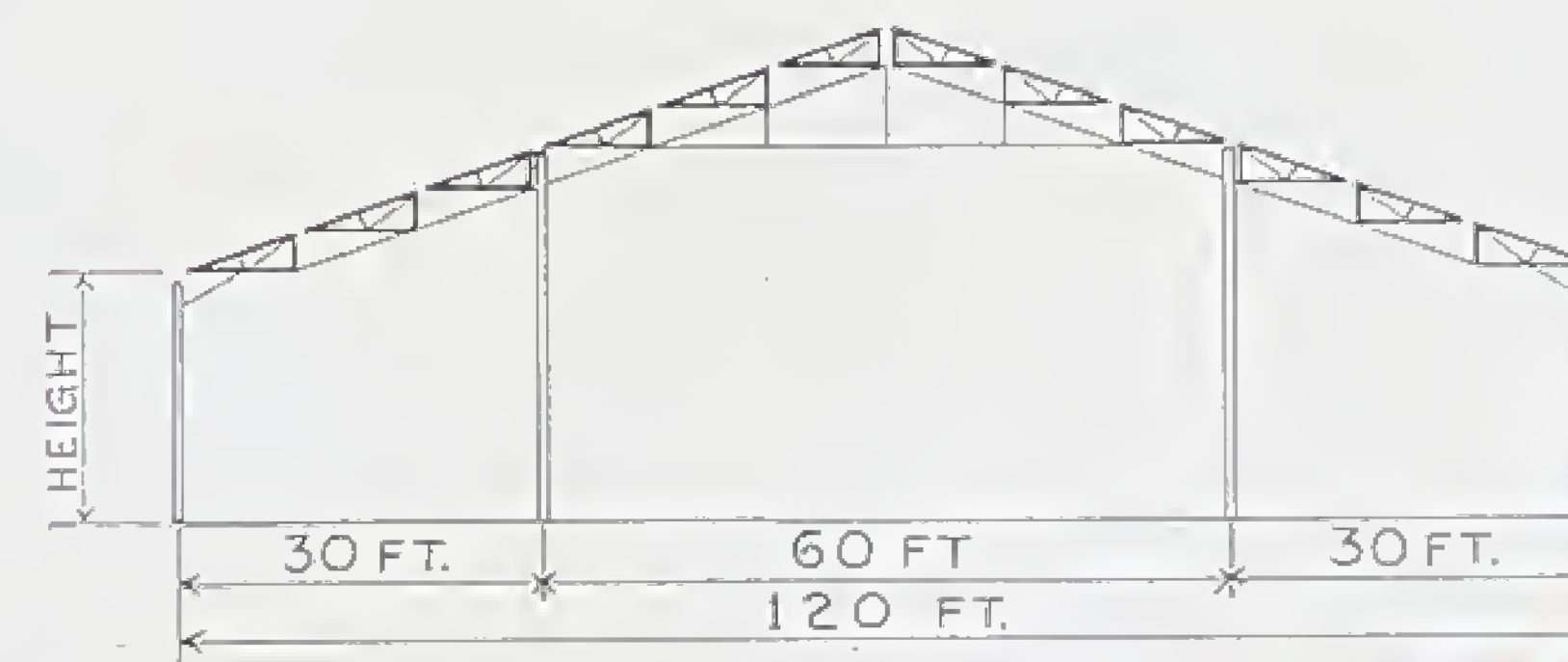
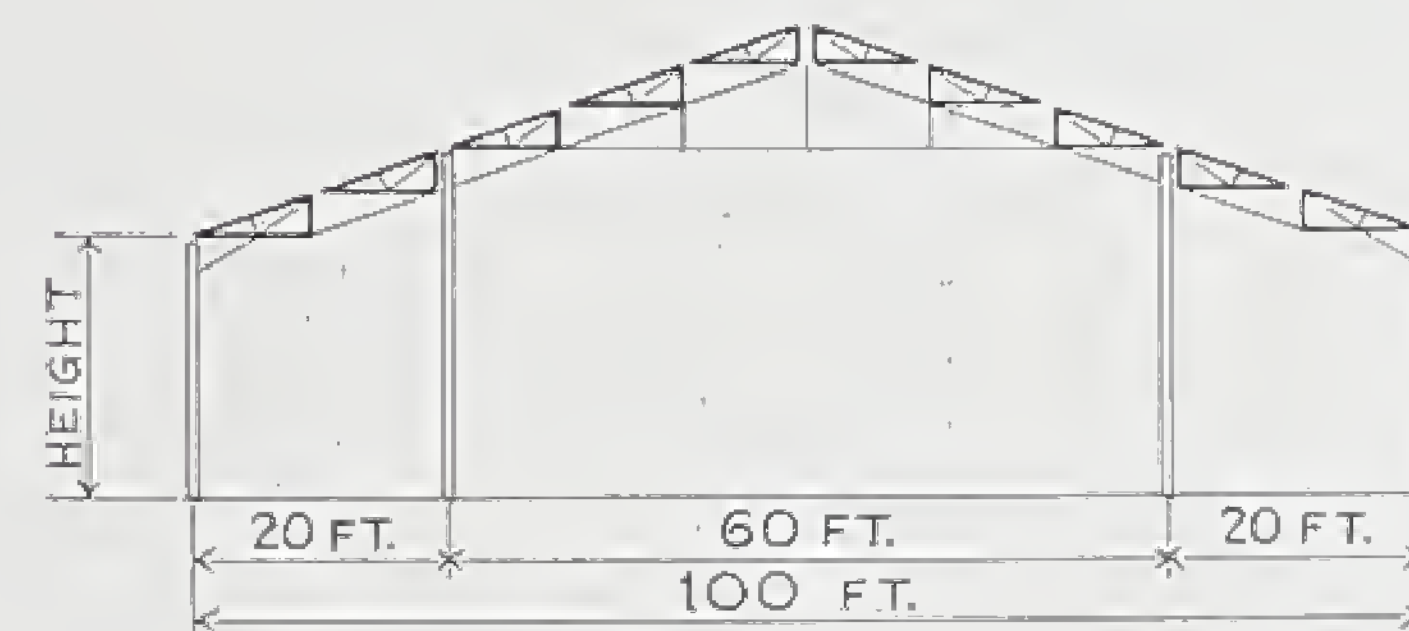
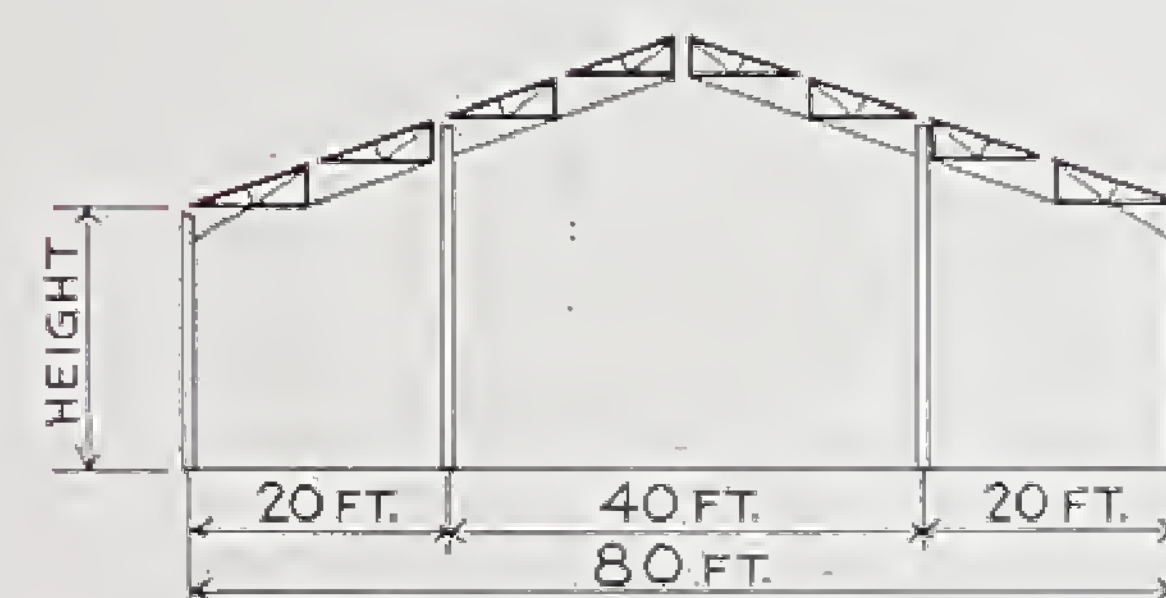
SIDE ELEVATION



DOOR SIZE 8'-6" x 10'-0"



DOOR SIZE 4'-5" x 10'-0"



CROSS SECTIONS OF BUILDINGS  
EACH OF THESE BUILDINGS HAS TWO LINES OF INTERIOR COLUMNS

MILLIKEN  
BUILDINGS

Erected  
in a  
Week

# PRICE LIST OF STRUCTURAL STEEL FRAMEWORK FOR MILLIKEN BUILDINGS

PRICES  
SUBJECT TO  
DISCOUNT

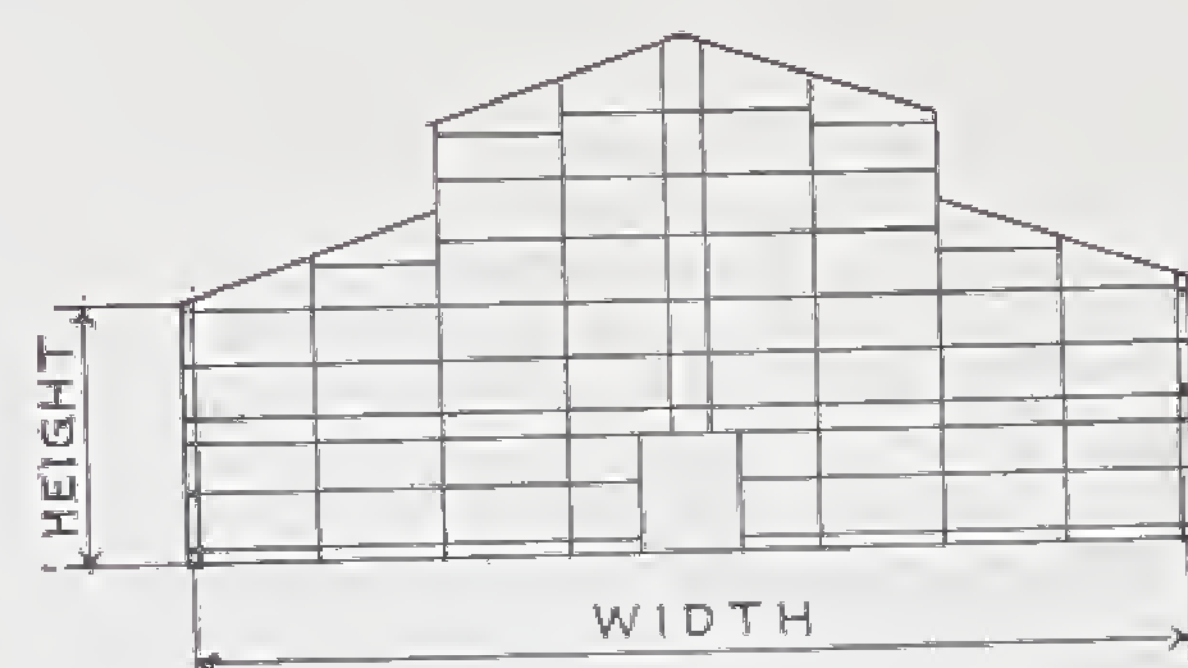
WIDTH OF BLDG.	HEIGHT		LENGTH OF BUILDING										ADD FOR EACH SIDE DOOR PANEL	
	FT.	M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	140 FT. 42.68 M.	160 FT. 48.78 M.	180 FT. 54.88 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR	
80 FT. 24.39 M.	11	3.35	\$2910.	\$3770.	\$4630.	\$5490.	\$6350.	\$7210.	\$8070.	\$8930.	\$9790.	\$860.	\$18.	\$20.
	14	4.27	3260.	4190.	5120.	6050.	6980.	7910.	8840.	9770.	10700.	930.	18.	20.
	17	5.19	3980.	5030.	6080.	7130.	8180.	9230.	10280.	11330.	12380.	1050.	18.	20.
	21	6.40	4375.	5480.	6585.	7690.	8795.	9900.	11005.	12110.	13215.	1105.	18.	20.
100 FT. 30.49 M.	11	3.35	\$3770.	\$4850.	\$5930.	\$7010.	\$8090.	\$9170.	\$10250.	\$11330.	\$12410.	\$1080.	\$18.	\$20.
	14	4.27	4170.	5320.	6470.	7620.	8770.	9920.	11070.	12220.	13370.	1150.	18.	20.
	17	5.19	5140.	6410.	7680.	8950.	10220.	11490.	12760.	14030.	15300.	1270.	18.	20.
	21	6.40	5440.	6765.	8090.	9415.	10740.	12065.	13390.	14715.	16040.	1325.	18.	20.
120 FT. 36.58 M.	11	3.35	\$4420.	\$5655.	\$6890.	\$8125.	\$9360.	\$10595.	\$11830.	\$13065.	\$14300.	\$1235.	\$18.	\$20.
	14	4.27	5530.	6860.	8190.	9520.	10850.	12180.	13510.	14840.	16170.	1330.	18.	20.
	17	5.19	5920.	7365.	8810.	10255.	11700.	13145.	14590.	16035.	17480.	1445.	18.	20.
	21	6.40	6510.	8060.	9610.	11160.	12710.	14260.	15810.	17360.	18910.	1550.	18.	20.

These dimensions are nominal—see note on page 53.

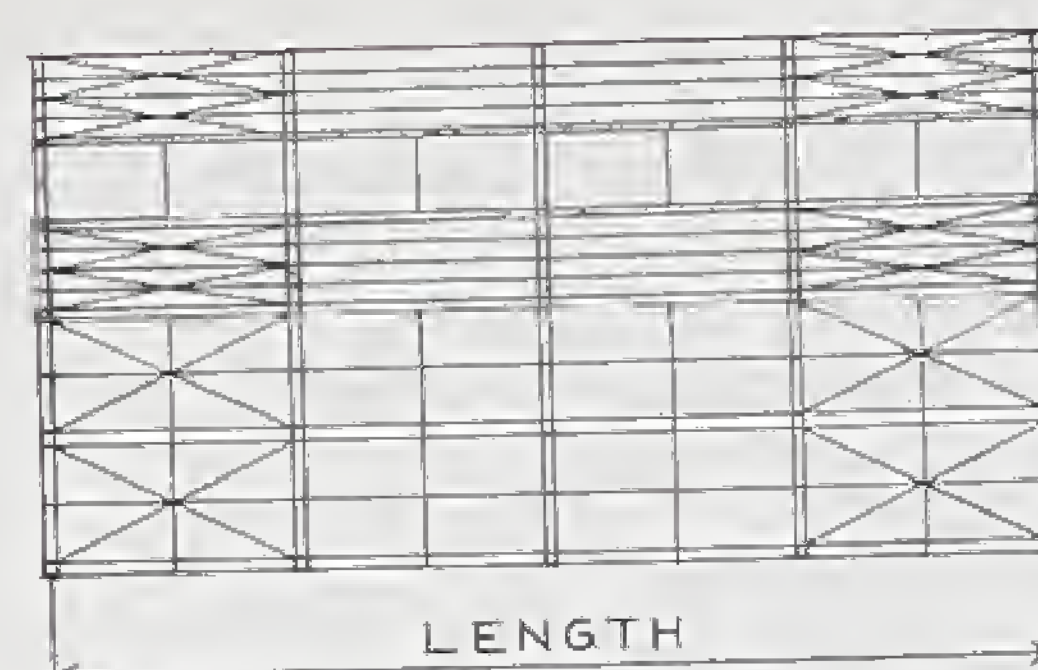


MILLIKEN  
BUILDINGS

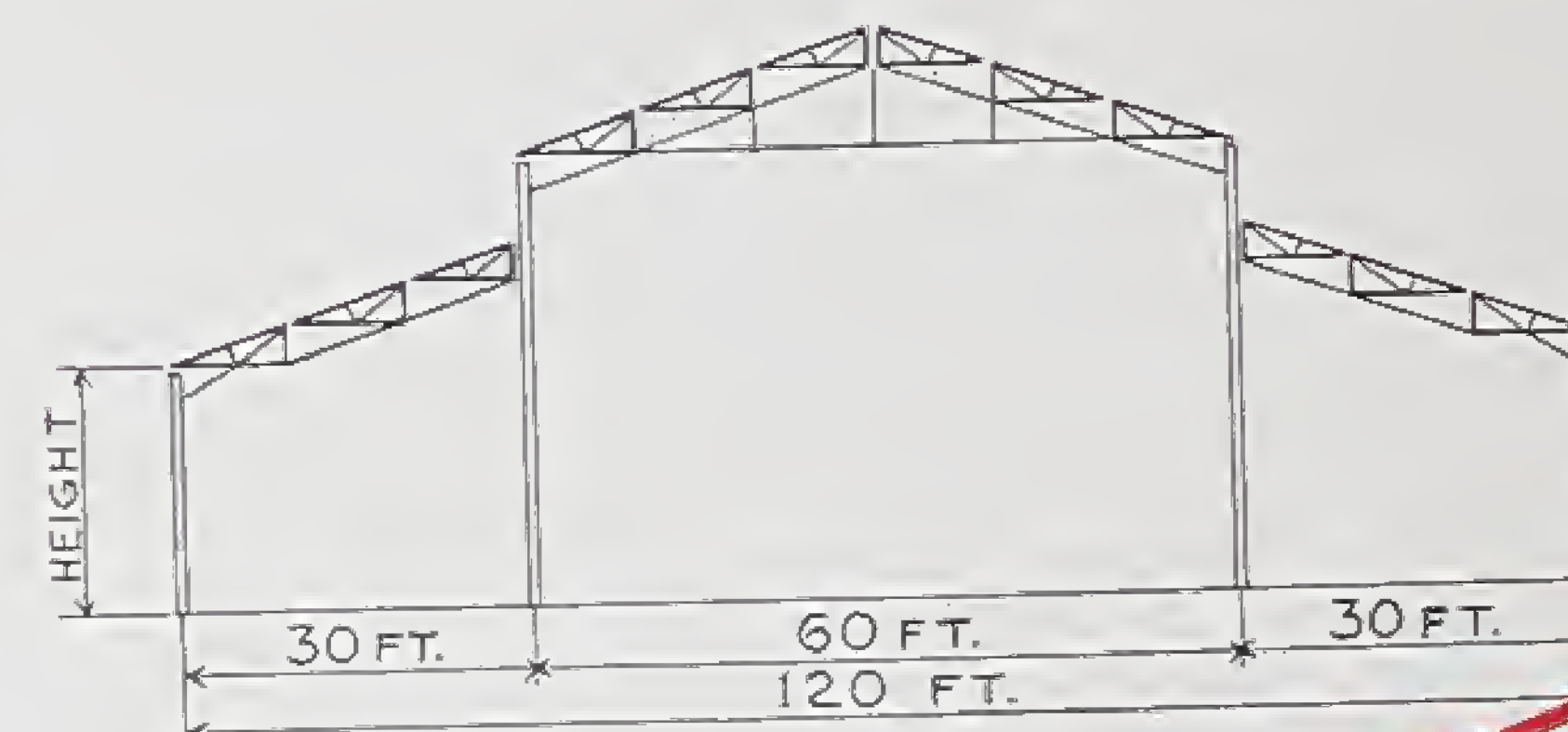
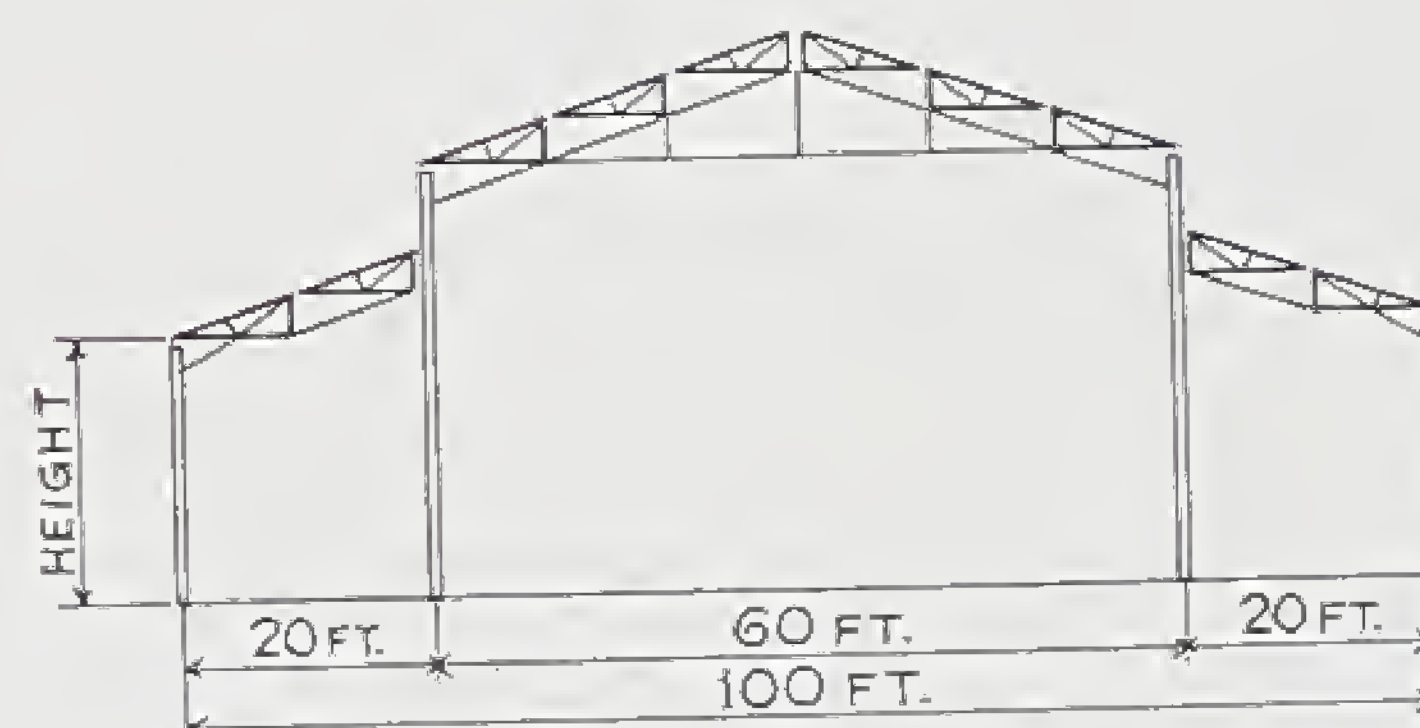
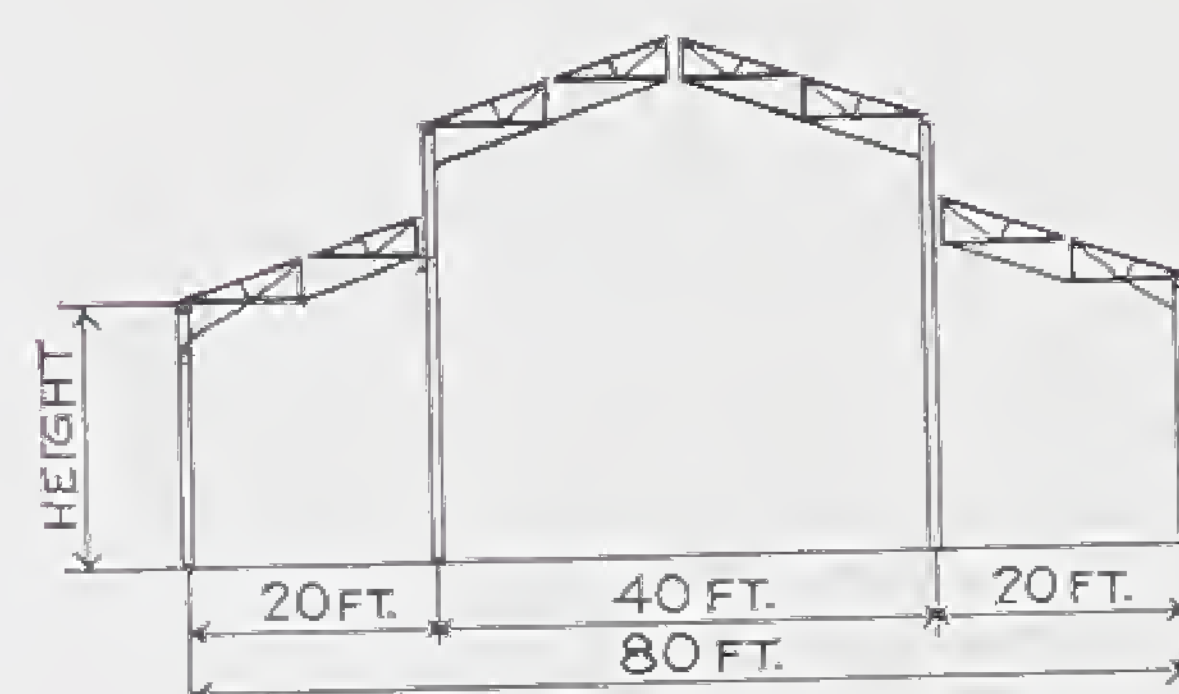
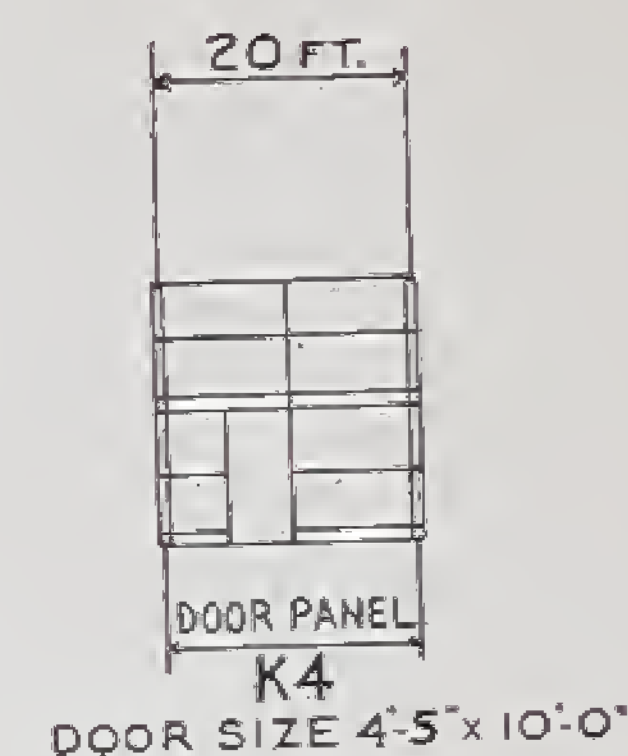
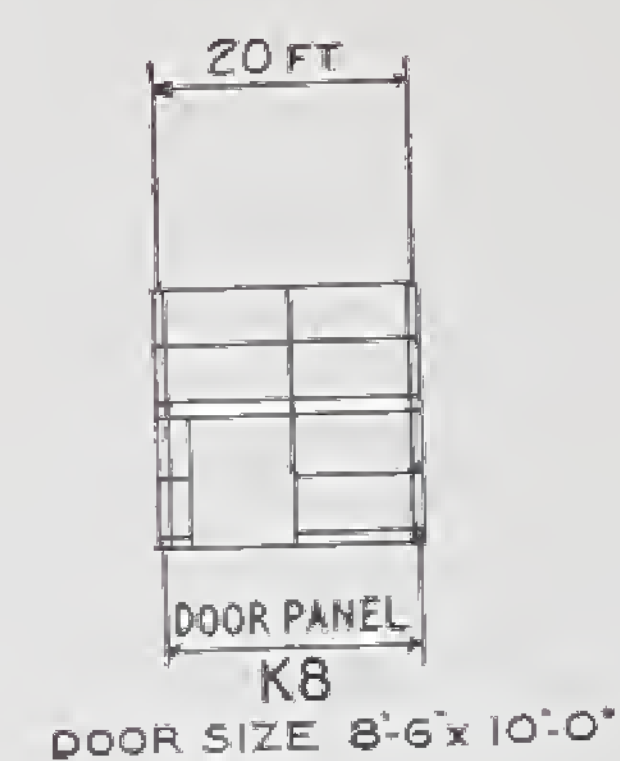
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from  
Stock



END ELEVATION



SIDE ELEVATION



CROSS SECTIONS OF BUILDINGS  
EACH OF THESE BUILDINGS HAS TWO LINES OF INTERIOR COLUMNS

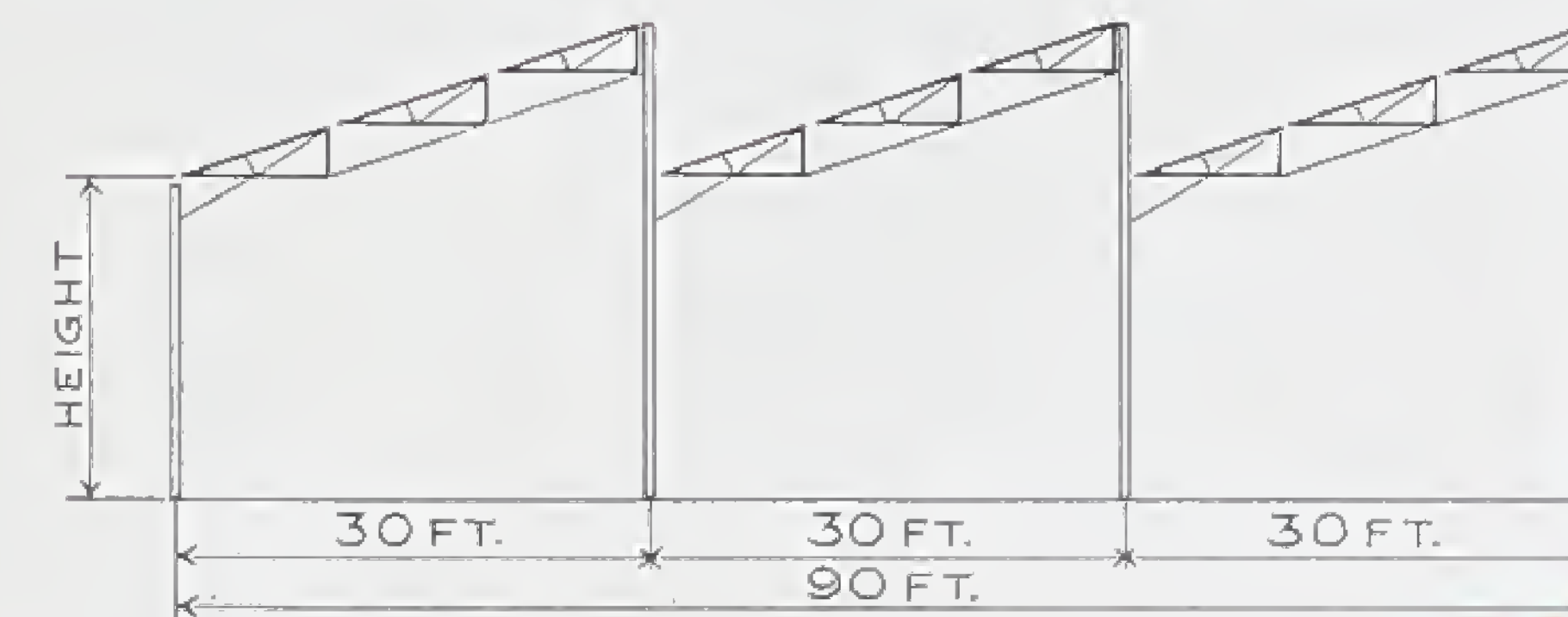
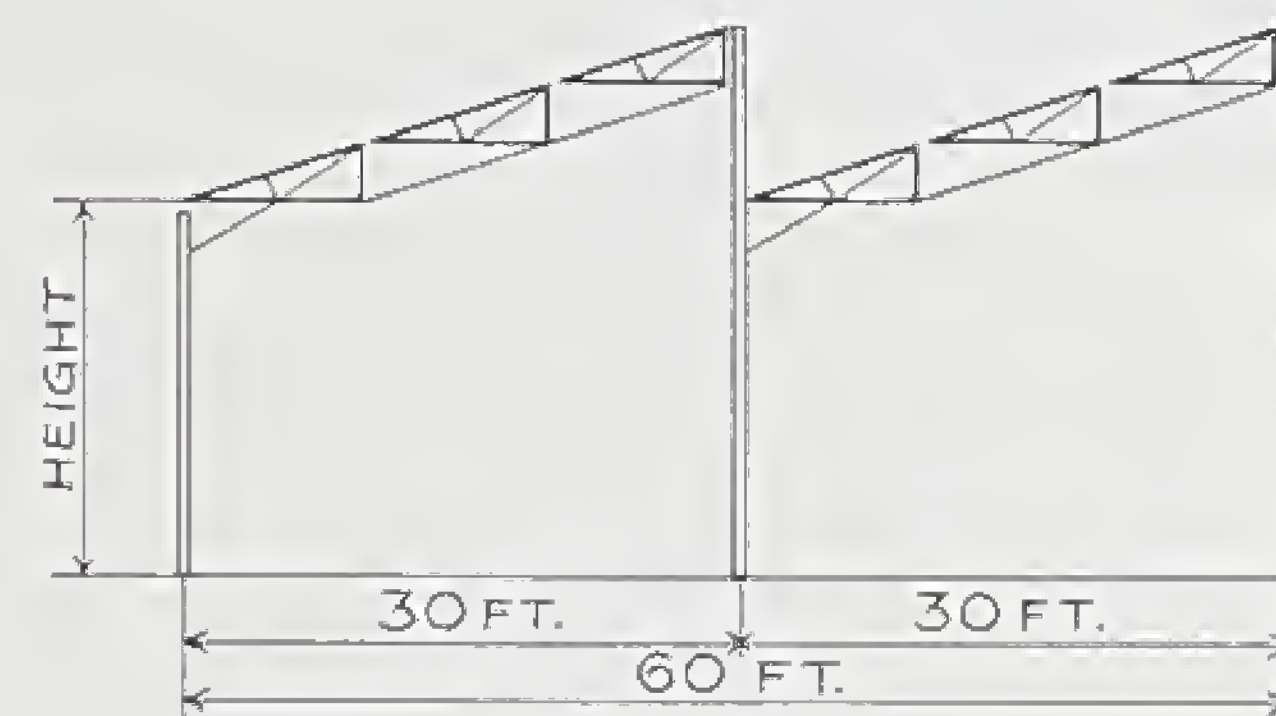
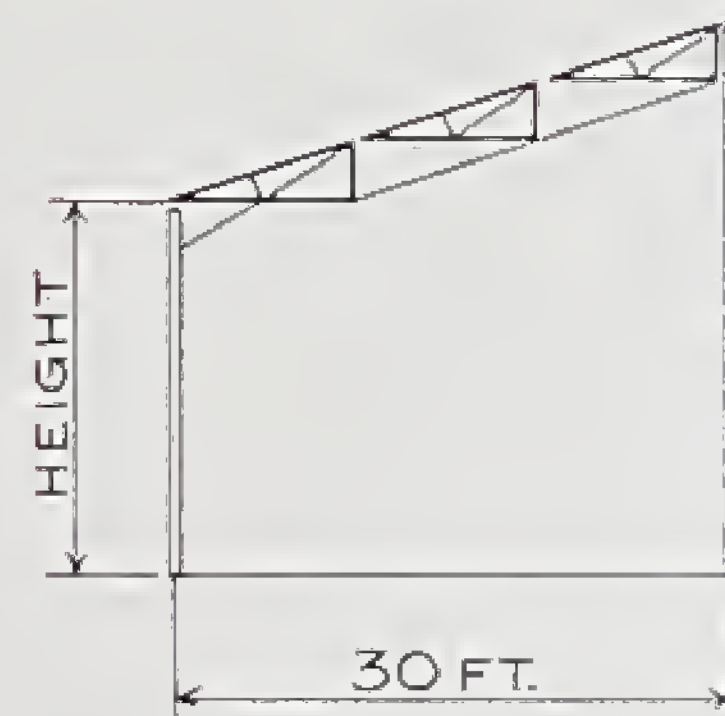
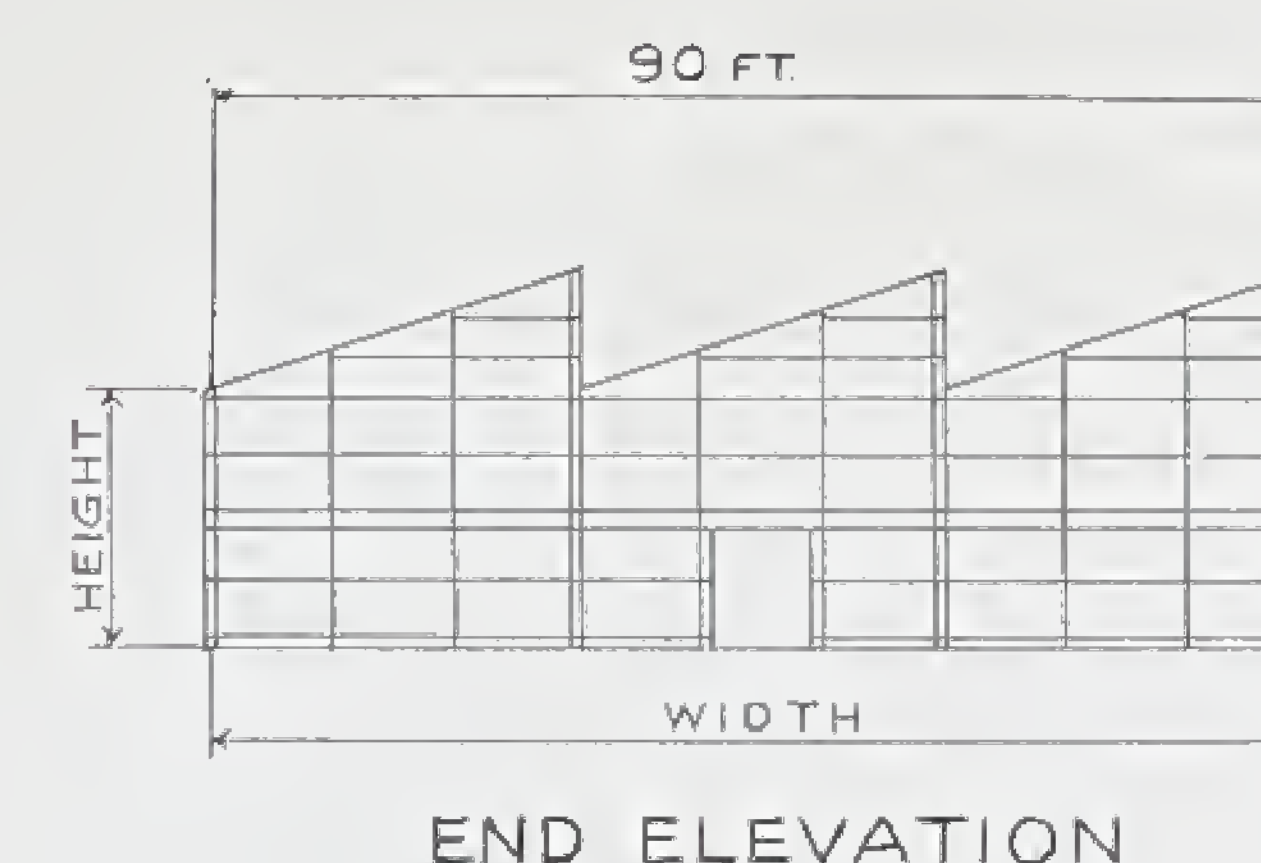
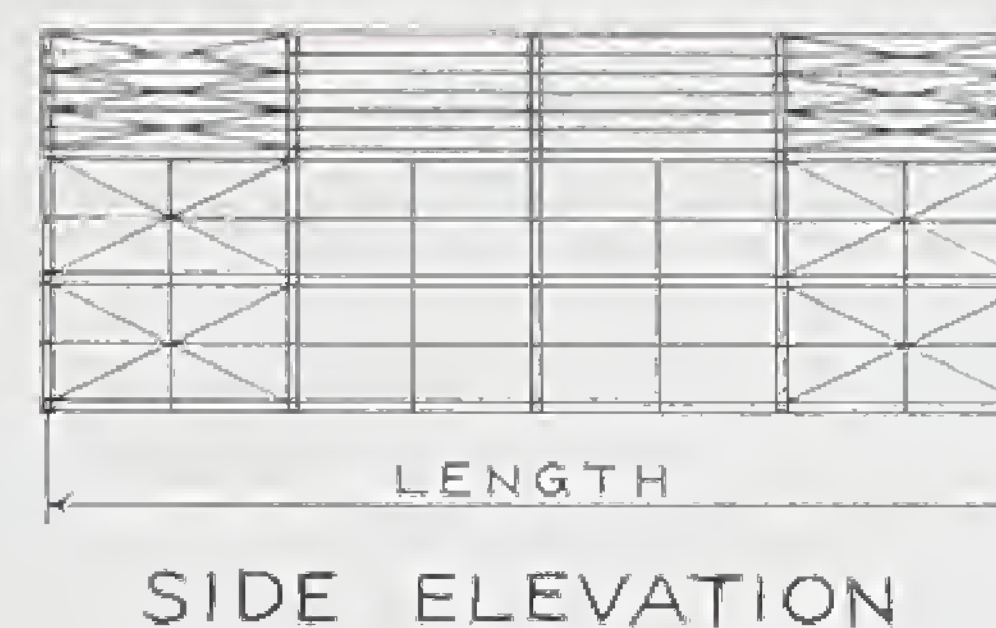
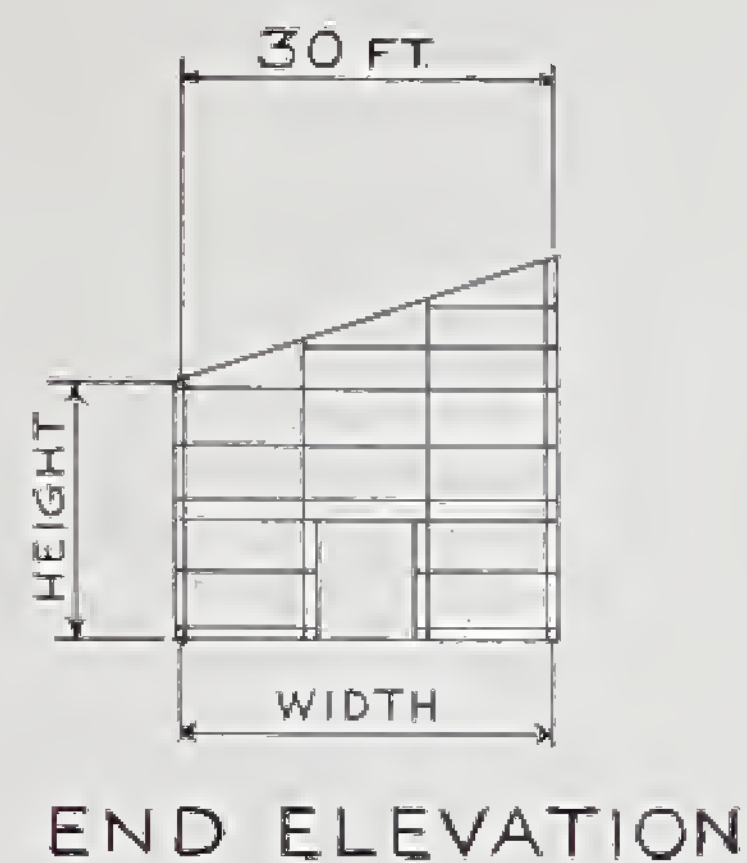
PRICES  
SUBJECT TO  
DISCOUNT

## PRICE LIST OF STRUCTURAL STEEL FRAMEWORK FOR MILLIKEN BUILDINGS

WIDTH OF BLDG.	HEIGHT		LENGTH OF BUILDING										ADD FOR EACH SIDE DOOR PANEL	
	FT.	M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	140 FT. 42.68 M.	160 FT. 48.78 M.	180 FT. 54.88 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR K8	K4
80 FT. 24.39 M.	11	3.35	\$3780.	\$4835.	\$5890.	\$6945.	\$8000.	\$9055.	\$10110.	\$11165.	\$12220.	\$1055.	\$18.	\$20.
	14	4.27	4245.	5390.	6535.	7680.	8825.	9970.	11115.	12260.	13405.	1145.	18.	20.
	17	5.19	4865.	6170.	7475.	8780.	10085.	11390.	12695.	14000.	15305.	1305.	18.	20.
100 FT. 30.49 M.	11	3.35	\$4875.	\$6150.	\$7425.	\$8700.	\$9975.	\$11250.	\$12525.	\$13800.	\$15075.	\$1275.	\$18.	\$20.
	14	4.27	5225.	6585.	7945.	9305.	10665.	12025.	13385.	14745.	16105.	1360.	18.	20.
	17	5.19	5990.	7515.	9040.	10565.	12090.	13615.	15140.	16665.	18190.	1525.	18.	20.
120 FT. 36.58 M.	11	3.35	\$5460.	\$6910.	\$8360.	\$9810.	\$11260.	\$12710.	\$14160.	\$15610.	\$17060.	\$1450.	\$18.	\$20.
	14	4.27	6335.	7920.	9505.	11090.	12675.	14260.	15845.	17430.	19015.	1585.	18.	20.

These dimensions are nominal—see note on page 53.





CROSS SECTIONS OF BUILDINGS

MILLIKEN BUILDINGS

Erected in a Week

PRICES SUBJECT TO DISCOUNT

# PRICE LIST OF STRUCTURAL STEEL FRAMEWORK FOR MILLIKEN BUILDINGS

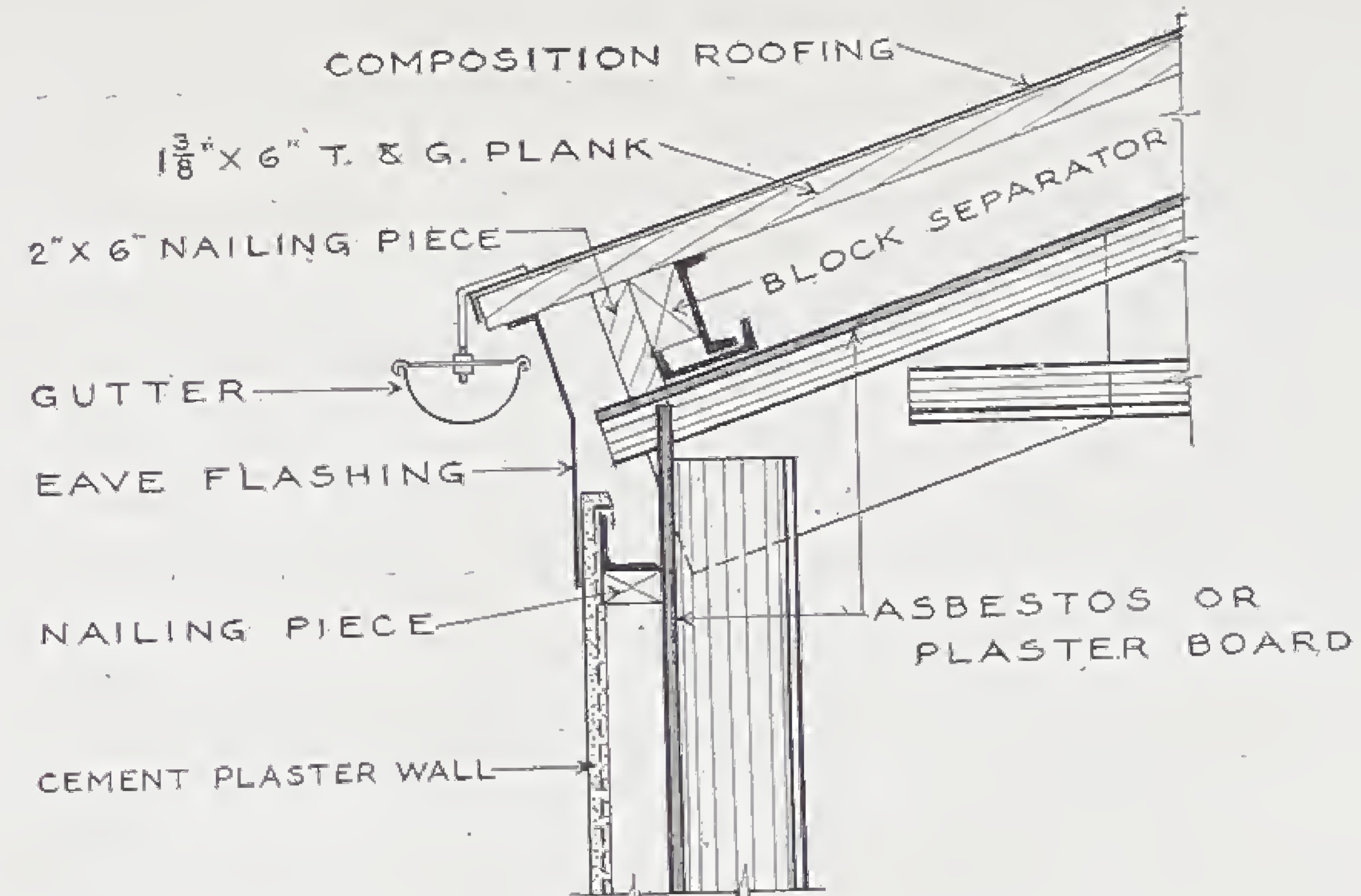
WIDTH OF BLDG.	HEIGHT		LENGTH OF BUILDING										ADD FOR EACH SIDE DOOR PANEL	
	FT.	M.	40 FT. 12.20 M.	60 FT. 18.29 M.	80 FT. 24.39 M.	100 FT. 30.49 M.	120 FT. 36.58 M.	140 FT. 42.68 M.	160 FT. 48.78 M.	180 FT. 54.88 M.	200 FT. 60.97 M.	ADD FOR EACH 20 FT. LENGTH	DOOR K8 K4	
30 FT. 9.15 M.	11	3.35	\$1270.	\$1695.	\$2120.	\$2545.	\$2970.	\$3395.	\$3820.	\$4245.	\$4670.	\$425.	\$18.	\$20.
	14	4.27	1540.	2020.	2500.	2980.	3460.	3940.	4420.	4900.	5380.	480.	18.	20.
	17	5.19	1805.	2370.	2935.	3500.	4065.	4630.	5195.	5760.	6325.	565.	18.	20.
	21	6.40	2040.	2670.	3300.	3930.	4560.	5190.	5820.	6450.	7080.	630.	18.	20.
60 FT. 18.29 M.	11	3.35	\$2370.	\$3145.	\$3920.	\$4695.	\$5470.	\$6245.	\$7020.	\$7795.	\$8570.	\$775.	\$18.	\$20.
	14	4.27	2830.	3680.	4530.	5380.	6230.	7080.	7930.	8780.	9630.	850.	18.	20.
	17	5.19	3180.	4140.	5100.	6060.	7020.	7980.	8940.	9900.	10860.	960.	18.	20.
	21	6.40	3630.	4695.	5760.	6825.	7890.	8955.	10020.	11085.	12150.	1065.	18.	20.
90 FT. 27.44 M.	11	3.35	\$3465.	\$4590.	\$5715.	\$6840.	\$7965.	\$9090.	\$10215.	\$11340.	\$12465.	\$1125.	\$18.	\$20.
	14	4.27	4100.	5325.	6550.	7775.	9000.	10225.	11450.	12675.	13900.	1225.	18.	20.
	17	5.19	4580.	5930.	7280.	8630.	9980.	11330.	12680.	14030.	15380.	1350.	18.	20.
	21	6.40	5220.	6720.	8220.	9720.	11220.	12720.	14220.	15720.	17220.	1500.	18.	20.

These dimensions are nominal—see note on page 53.

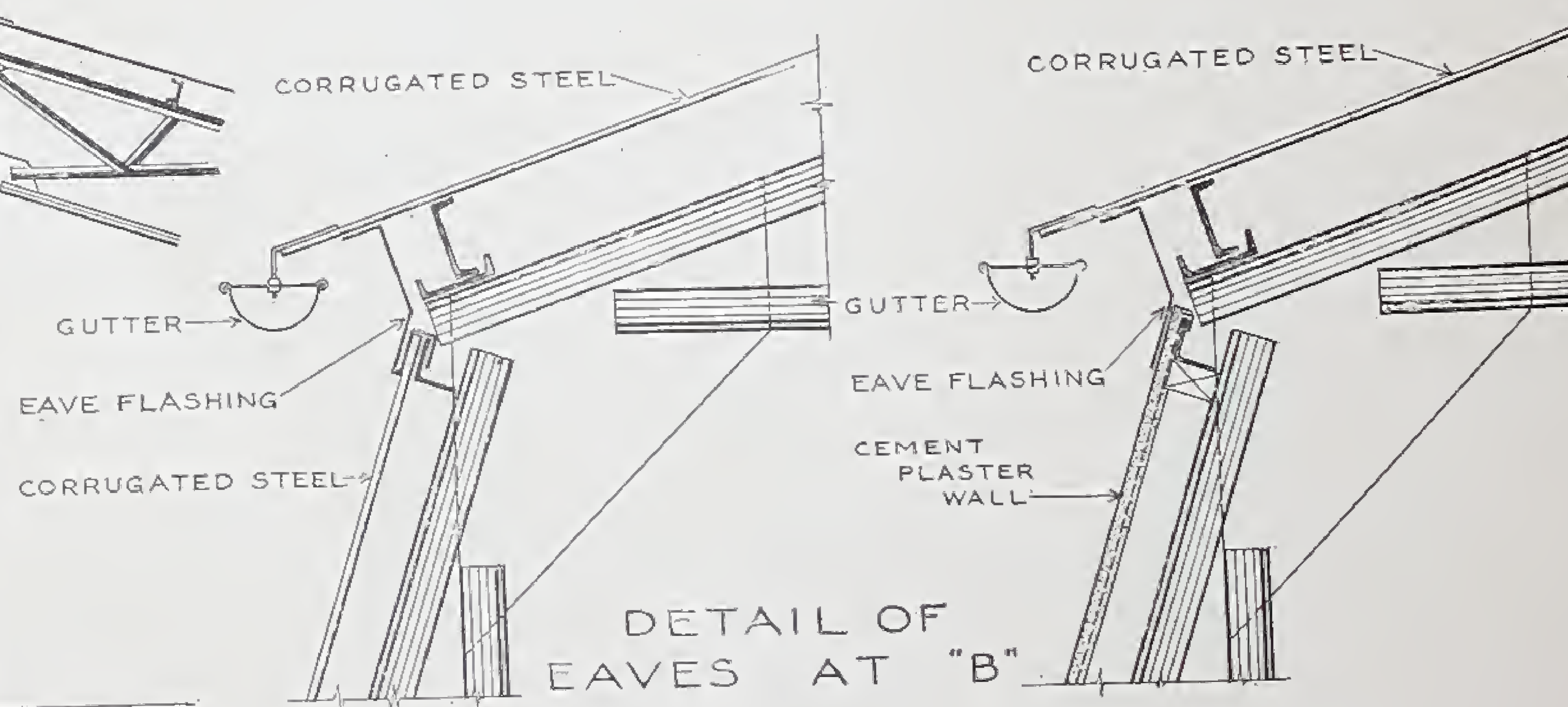
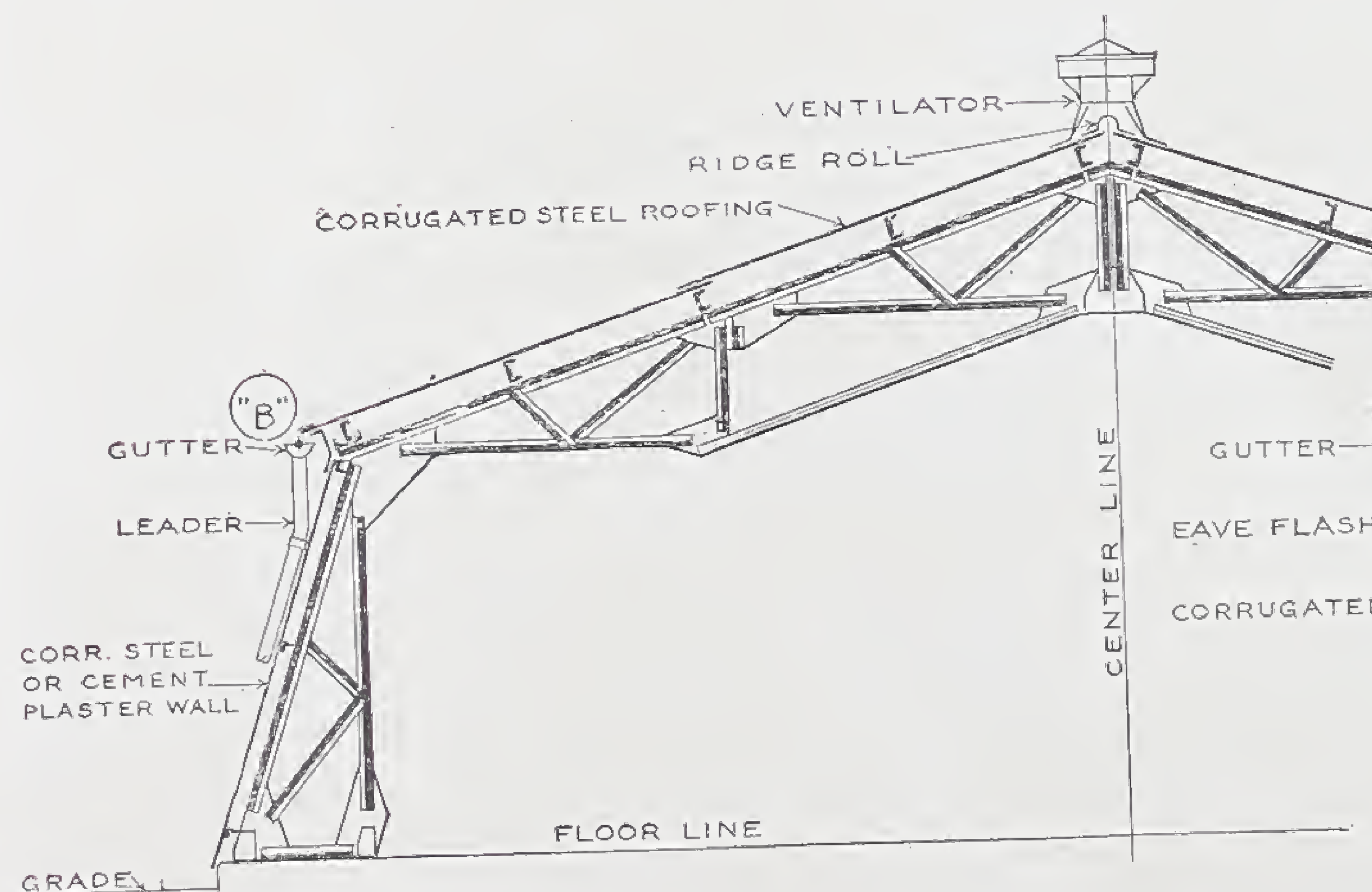
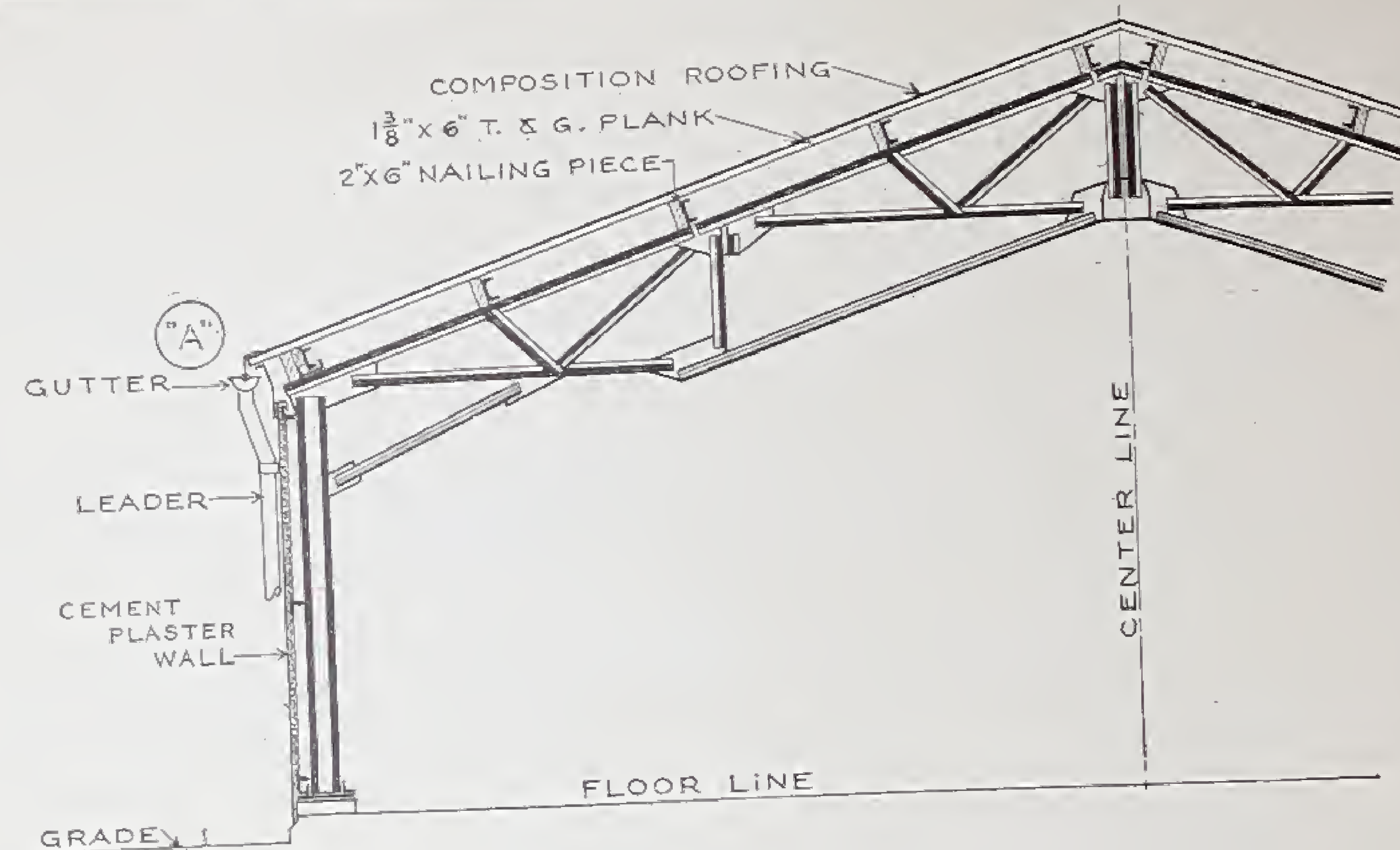


MILLIKEN  
BUILDINGS

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DETAIL OF EAVES AT "A"



DETAIL OF  
EAVES AT "B"

CONSTRUCTION DETAILS  
ILLUSTRATING USE OF VARIOUS BUILDING MATERIALS  
IN CONNECTION WITH MILLIKEN STRUCTURAL STEEL FRAMING



# OUTSIDE DIMENSIONS OF MILLIKEN BUILDINGS

At times it is necessary to know the exact outside dimensions of a building to fit restricted lot lines. This information is given below.

## LENGTH—For All Types.

The trusses of MILLIKEN BUILDINGS are spaced 20 feet center to center and the distance from the center of the last or end truss to the outside of the corrugated siding is 1'8".

Therefore the outside or extreme LENGTH of any MILLIKEN BUILDING is the sum of the 20 foot spaces between the trusses plus 3'4".

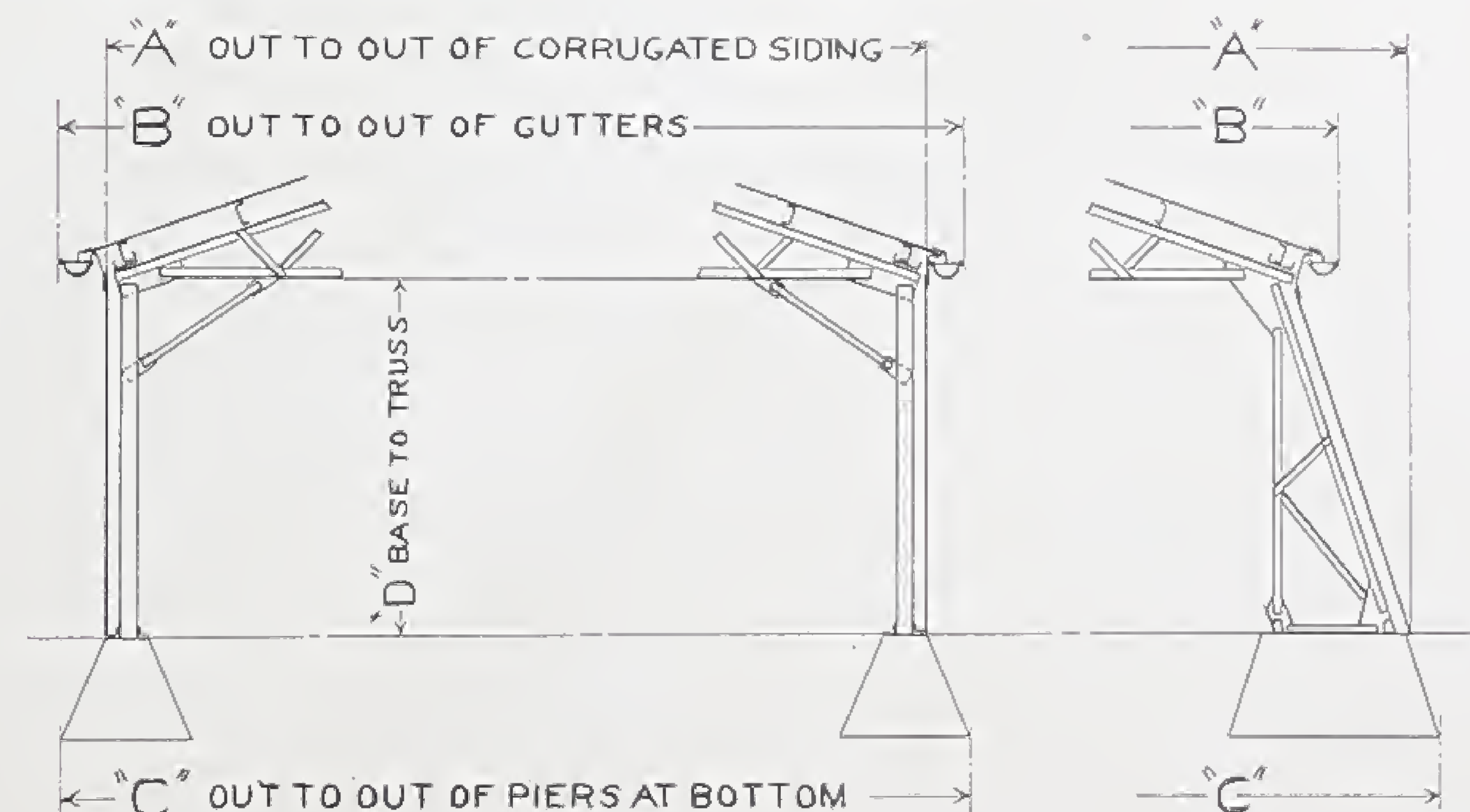
## WIDTH—For Listed Types shown on Page 7, Pages 12 to 29 inclusive, and Page 48.

The outside or extreme WIDTH of these MILLIKEN BUILDINGS at the eave gutters, the outside of the corrugated siding, and the piers at the bottom are given in the following table.

Types	A		B		C		D	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
2S1	28'1"	8.56	23'7"	7.19	28'10"	8.79	10' 7"	3.23
2V1	21'3"	6.48	23'7"	7.19	24' 3"	7.39	10' 7"	3.23
2V14	21'3"	6.48	23'7"	7.19	26' 1"	7.95	13' 11"	4.24
2V17	21'3"	6.48	23'7"	7.19	26' 1"	7.95	17' 3"	5.26
2S2	34'9"	10.59	23'7"	7.19	36' 0"	10.97	20' 7"	6.27
2V2	21'3"	6.48	23'7"	7.19	26' 1"	7.95	20' 7"	6.27
4S1	48'1"	14.66	43'7"	13.28	48'10"	14.88	10' 7"	3.23
4V1	41'3"	12.57	43'7"	13.28	44' 3"	13.49	10' 7"	3.23
4V14	41'3"	12.57	43'7"	13.28	46' 1"	14.05	13' 11"	4.24
4V17	41'3"	12.57	43'7"	13.28	46' 1"	14.05	17' 3"	5.26
4S2	54'9"	16.69	43'7"	13.28	56' 0"	17.07	20' 7"	6.27
4V2	41'3"	12.57	43'7"	13.28	46' 1"	14.05	20' 7"	6.27
6S1	68'1"	20.75	63'7"	19.38	68'10"	20.98	10' 7"	3.23
6V1	61'3"	18.67	63'7"	19.38	64' 3"	19.58	10' 7"	3.23
6V14	61'3"	18.67	63'7"	19.38	66' 1"	20.14	13' 11"	4.24
6V17	61'3"	18.67	63'7"	19.38	66' 1"	20.14	17' 3"	5.26
6S2	74'9"	22.78	63'7"	19.38	76' 0"	23.16	20' 7"	6.27
6V2	61'3"	18.67	63'7"	19.38	66' 1"	20.14	20' 7"	6.27

## Width for Other Types shown on Pages 8, 9, 49, 50 and 51.

The nominal dimensions of width given on these pages do not indicate the outside or extreme width of the building, but this information will be given promptly on request.



MILLIKEN  
BUILDINGS

Erected  
in a  
Week



MILLIKEN  
BUILDINGS

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MACHINE SHOP—LEHIGH MACHINE CO., LEHIGHTON, PA., U. S. A.  
Building Type 4V1. 41 Feet Wide. 160 Feet Long. 11 Feet High at Eaves  
This Building Has Roof Covering of Wood and Inside Wall Panelling of Asbestos Board





**MILLIKEN  
BUILDINGS**

—  
Erected  
in a  
Week

FOUNDRY BUILDING. NATIONAL RADIATOR COMPANY, TRENTON, N. J., U. S. A.  
Building Type No. 123. 120 Feet Wide. 200 Feet Long. 11 Feet High at Eaves.



**MILLIKEN  
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from  
Stock



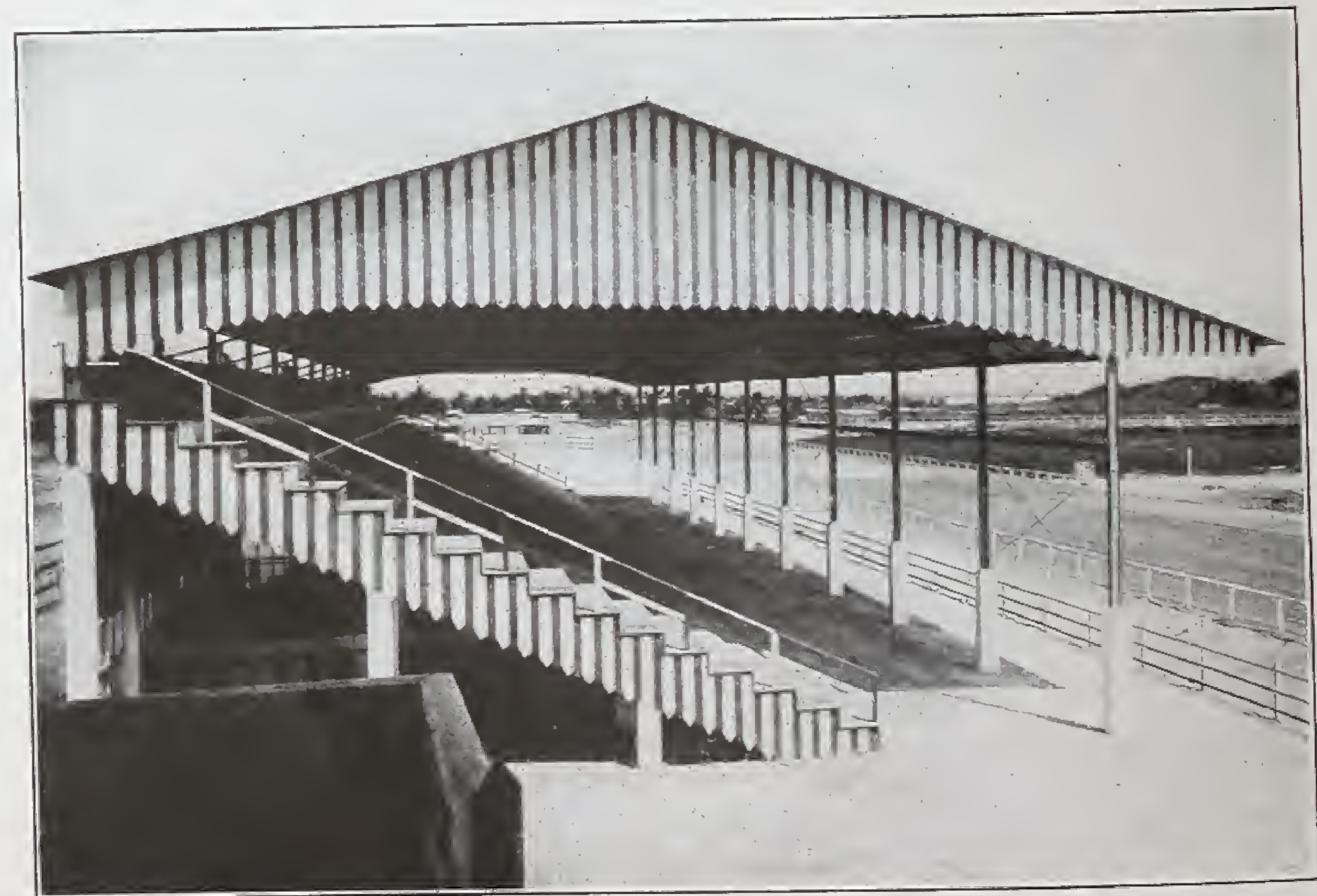
WAREHOUSE—SAN JUAN, PORTO RICO.  
Walls of Cement Stucco on Metal Lath.



WAREHOUSE—SAN JUAN, PORTO RICO.  
Ornamental Walls of Concrete.



CINEMA THEATRE—SAN JUAN, PORTO RICO.



RACE TRACK GRAND STAND—SAN JUAN, PORTO RICO.





MILLIKEN  
BUILDINGS

—  
Erected  
in a  
Week

PIER WAREHOUSE—THE CANTON COMPANY, BALTIMORE, MD., U. S. A.  
Building Type No. 105. 100 Feet Wide. 500 Feet Long. 17 Feet High at Eaves.



**MILLIKEN  
BUILDINGS**

—  
Shipped  
from  
Stock

## MILLIKEN GALVANIZED STEEL TRANSMISSION TOWERS

This is the day of high-tension, long-distance electric power transmission. Reaching from remote water power sites, these transmission systems supply electric light, heat and power with equal facility to large cities and to widely scattered smaller communities, and at lower service rates than are possible with local steam generating stations. It is also frequently found of great advantage and economy to establish steam-operated generating plants directly at the coal mines, with transmission lines to carry the power to distant points of consumption. This saves the expense of transporting the coal.

The MILLIKEN Galvanized Steel Transmission Tower has been a prominent factor in the development of this work because of its ability to meet the most exacting requirements. Care and accuracy in design, best materials, right methods of manufacture, galvanizing and shipping have made this tower in great demand by leading power companies.

Thousands of MILLIKEN towers of this type have been in use for many years under the highest degree of satis-

factory service by a majority of large power companies in the United States, in South America, Mexico, Australia, Tasmania, Afghanistan, India, Burma, Norway, Transvaal, South Africa, and other countries.

The material is of open-hearth structural steel of a grade providing high resiliency and maximum strength. Special methods of manufacture insure against field corrections, while the method of galvanizing each individual part with a heavy coating of zinc spelter makes for permanency and eliminates renewal for many years to come.

For best results, transmission towers should be designed to meet the specific line and installation conditions—this is the MILLIKEN way. Those considering such construction are accordingly requested to furnish brief data, as follows, and upon receipt, designs and prices will be sent:

Location, length and voltage of line. Number, size and material of wires. Type of insulators, pin or suspension.

The opposite page sets forth a group of typical MILLIKEN towers, *showing types that will meet any transmission line condition.*





22 KV. SINGLE CIRCUIT  
FLEXIBLE TOWER



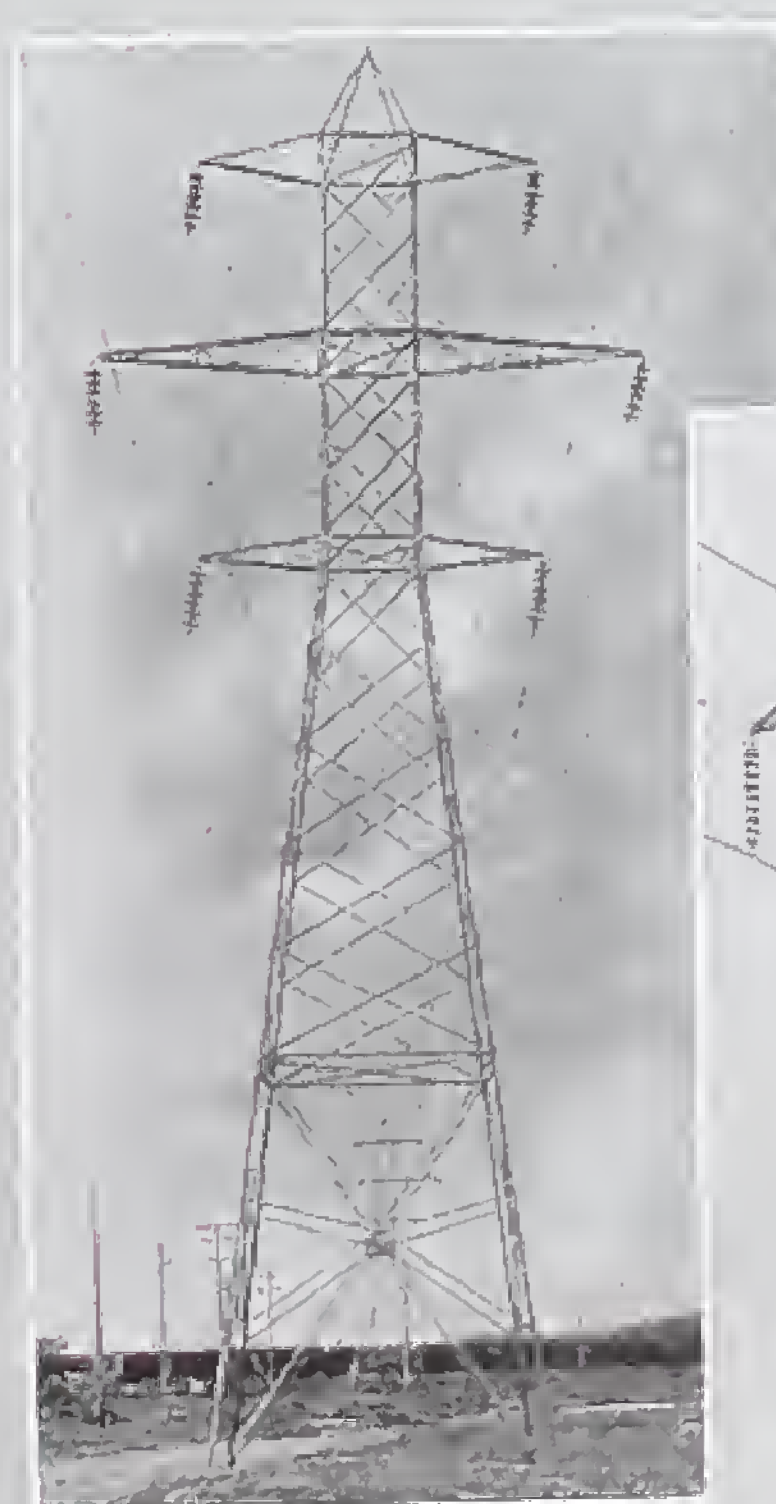
HIGH TENSION ELECTRIC  
POWER TRANSMISSION



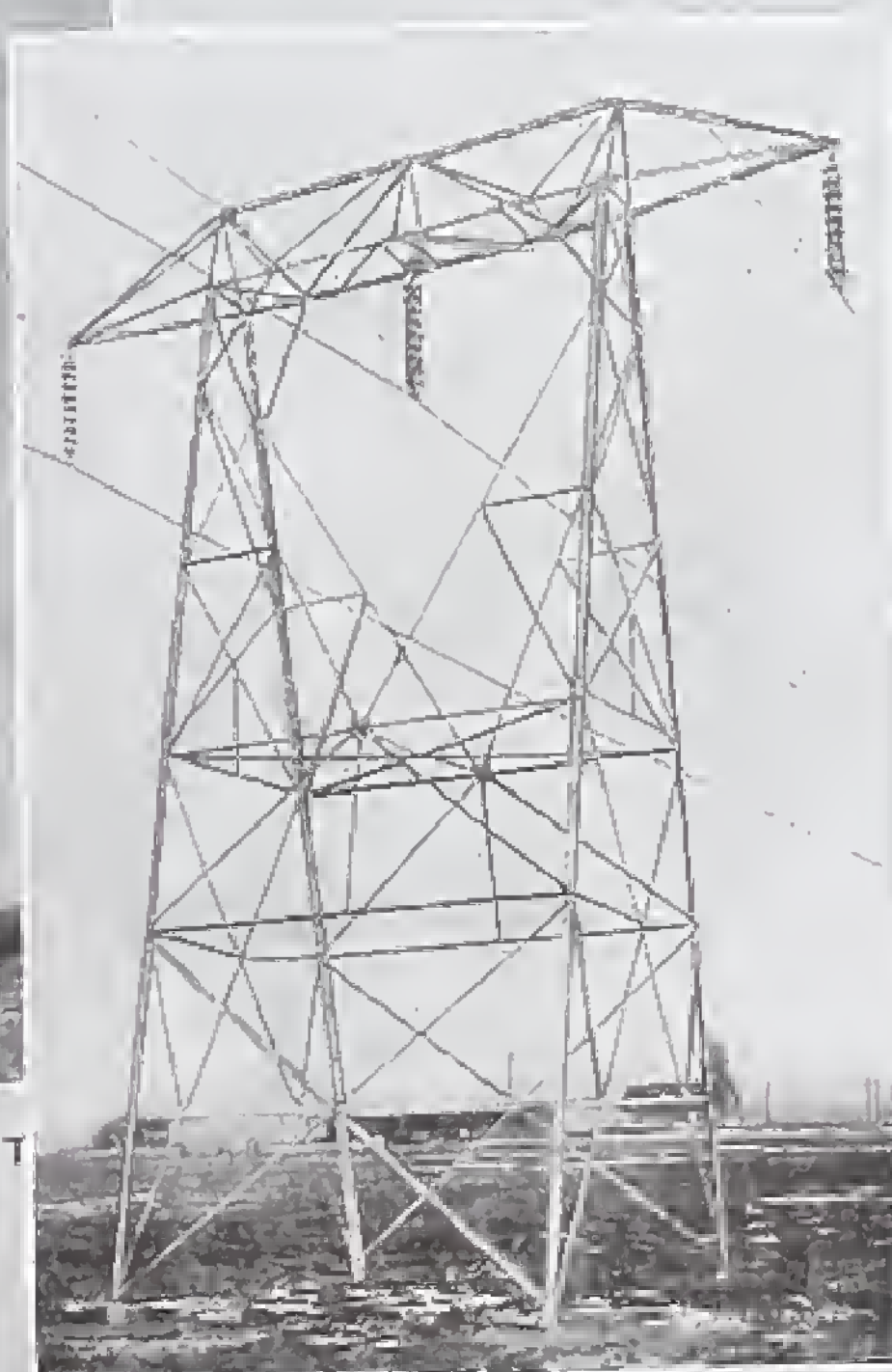
110 KV. DOUBLE CIRCUIT  
FLEXIBLE TOWER



135 KV. DOUBLE CIRCUIT  
SEMI-RIGID TOWER



110 KV. DOUBLE CIRCUIT  
SEMI-RIGID TOWER



200 KV. SINGLE CIRCUIT  
SEMI-RIGID TOWER



60 KV. DOUBLE CIRCUIT  
CITY POLE



30 KV. DOUBLE CIRCUIT  
TOWER ON EXTENSION



60 KV. TOWER PARTIALLY  
ERECTED ON HILLSIDE EXTENSION

## MILLIKEN BUILDINGS

Erected  
in a  
Week

## MILLIKEN TRANSMISSION TOWERS



# MILLIKEN GALVANIZED STEEL RADIO TOWERS

These towers are designed and manufactured in accordance with the best engineering practice. The experience of the manufacturers, extending over many years, gives assurance that MILLIKEN RADIO TOWERS have stood the test all over the world and in climatic conditions of every sort. Radio antennae carried on Milliken Radio Towers, reach from the hurricane lands of the tropics to the ice bound regions of Alaska. The members of the structure are open-hearth rolled steel angles, bolt connected throughout, arranged and proportioned to give maximum efficiency without needless redundancy.

The MILLIKEN RADIO TOWER is entirely self-supporting, being designed to withstand the specified loadings completely within itself and on its own foundations. The system of bracing throughout the structure has been carefully studied and tested. This system, composed exclusively of structural steel angles, has been arranged and the members so proportioned that all are contributing their share to the necessary strength of the tower. This is superior to a design composed of rods and struts because in

the latter, while part of the rods are tight when under stress, others are slack; with a sudden change of direction of tower loadings, reversal stresses may occur to the imminent danger of the tower.

The entire surface of all the members, including bolts and nuts, the insides of punched holes and all other points inaccessible after erection are heavily galvanized by the hot liquid zinc process, which insures an everlasting protective coating that can be obtained in no other way.

*The outstanding feature of the Milliken Radio Tower is that once erected, no further thought need be given to its preservation, maintenance and security.*

There are Four (4) Standard Types of Milliken Radio Towers, as follows:

- STANDARD GROUND TOWERS, 66 to 165 Feet in height.
- STANDARD GROUND TOWERS, 200 to 300 Feet in height.
- STANDARD ROOF TOWERS, 66 to 103 Feet in height.
- NEW YORK ROOF TOWERS, 66 to 103 Feet in height.

The opposite page shows a group of typical MILLIKEN Radio Towers. A complete descriptive catalog and prices will be furnished on request.

## SOME PROMINENT BUYERS OF MILLIKEN RADIO TOWERS

American Tel. & Tel. Co.	103 Ft. Towers,	Walker-Lispenard Bldg., N. Y.	Col. Edw. H. R. Green	127 Ft. Towers,	New Bedford, Mass.
Boston Edison Electric Ill. Co.	125 "	Boston, Mass.	Gov't of Dutch East Indies	152-200 "	Dutch East Indies
British Controlled Oil Fields, Ltd.	128 "	Port-of-Spain, Trinidad	" " Colombia	90-200 "	Colombia, S. A.
British Dominion Government	152-200 "	British West Indies	" " Cuba	250-300 "	Havana, Cuba
" " "	152-200 "	Ocean Island, Australasia	" " Dominican Republic	200 "	Santo Domingo
" " "	152-200 "	Raratonga, Australasia	" " Great Britain	200 "	England
" " "	200 "	Malta	" " Mexico	225 "	Mexico
British North Borneo Co.	115 "	North Borneo	" " New Zealand	152-200 "	Wellington, N. Z.
J. H. Bunnel & Co.	225 "	Mexico	" " United States	103-300 "	16 Radio Stations
China Electric Co.	103 "	Peking and Tientsin	" " Venezuela	103-165 "	Venezuela
Clemson Agricultural College	115-128 "	Clemson, South Carolina	Gulf Refining Co.	200 "	Port Arthur, Texas.
Connecticut Agricultural College	103 "	Storrs, Conn.	Miller Reese Hutchinson, Inc.	165 "	Orange, N. J.
Detroit Edison Co.	200 "	Port Huron, Mich.	Independent Wireless Tel. Co.	200 "	Long Island, N. Y.
Detroit, Toledo & Ironton R.R. Co.	103 "	Detroit, Mich.	International Western Electric Co.	91-165 "	Porto Rico and Cuba
Electron Engineering Co.	152-300 "	Honduras	Johns-Manville, Inc.	140 "	Lockport, N. Y.
C. F. Elwell, Ltd.	200 "	England	Magnolia Petroleum Co.	165 "	Louisiana
Ford Motor Company	155-165 "	Iron Mountain, Mich.	Municipality of Atlantic City	165 "	Atlantic City, N. J.
General Electric Co.	300 "	Schenectady, N. Y.	Radio Corporation of America	165-300 "	Alaska and various states
Harry Gibson	165 "	Venezuela	Rensselaer Technical Institute	79 "	Troy, N. Y.
Gimbel Brothers	125 "	New York City	United Fruit Co.	200 "	Florida
A. H. Grebe & Co., Inc.	66-79 "	Jamaica, L. I., N. Y.	Western Electric Co.	165 "	Several Radio Stations
			Westinghouse Elec. & Mfg. Co.	143 "	Springfield, Mass.

MILLIKEN  
BUILDINGS

Shipped  
from  
Stock





145 FEET HIGH  
NEW YORK HARBOR



300 FEET HIGH



165 FEET HIGH  
FORT MONROE, VA.

# MILLIKEN BUILDINGS

Erected  
in a  
Week



200 FEET HIGH—MIAMI, FLORIDA



LOWER PORTION OF 300-FOOT TOWER  
DURING ERECTION



300 FEET HIGH—TEXAS

## MILLIKEN RADIO TOWERS



# CABLE CODE

## MILLIKEN BROTHERS MFG. CO., Inc. Woolworth Building, New York

Cable Address: "MILLIKBROS," New York

The following code words have been established for convenience in designating MILLIKEN BUILDINGS, frame-work and other features described in this Standard Building Catalog.

These code words can be used in conjunction with standard codes. We request the use of Bentley's or Western Union whenever possible.

### Code Words Designating Complete All-Steel MILLIKEN BUILDINGS As Specified on Pages 12 to 29 Inclusive

Type of Building	STYLE					
	A	B	C	D	E	F
Type 2S1	Babul	Batch	Begot	Bilin	Boggy	Brawl
" 2V1	Bacca	Baton	Beige	Birth	Bogus	Bream
" 2V14	Gabar	Gaird	Gamme	Gasom	Genit	Gibbe
" 2V17	Gabin	Galac	Garba	Gavia	Genne	Gigan
" 2S2	Baker	Beast	Bezam	Bless	Bower	Brite
" 2V2	Bandy	Bedew	Bezel	Blind	Boyar	Brock
Type 4S1	Badge	Bavin	Belay	Bison	Bolus	Breve
" 4V1	Baggy	Beach	Belch	Blain	Bonny	Bride
" 4V14	Gadab	Galba	Garma	Gelat	Geome	Gilbe
" 4V17	Gadol	Gamas	Garon	Gelme	Germi	Giraf
" 4S2	Banjo	Beech	Bifid	Bliss	Bragg	Broma
" 4V2	Basal	Beefy	Bigot	Bloat	Brail	Brook
Type 6S1	Bairn	Beamy	Besom	Blare	Bosky	Briar
" 6V1	Baize	Beard	Betel	Bleak	Bouch	Brisk
" 6V14	Gadso	Gambi	Garra	Genda	Gerun	Gloam
" 6V17	Gaffo	Gamet	Gasco	Genev	Gesta	Gonfa
" 6S2	Basic	Befit	Bijon	Blond	Brant	Brose
" 6V2	Basso	Befog	Bilbo	Boast	Brave	Broth.

### Code Words Designating Structural Steel Framework for MILLIKEN BUILDINGS As Specified on Pages 48 to 51 Inclusive

TYPE OF BUILDING	WIDTH OF BUILDING	HEIGHT OF BUILDING AT EAVES			
		11 Feet (3.35 M.)	14 Feet (4.27 M.)	17 Feet (5.19 M.)	21 Feet (6.40 M.)
Single-Span Buildings Shown on Page 48	20 Ft. ( 6.1 M.) 40 Ft. (12.2 M.) 60 Ft. (18.3 M.)	Vacal Vagar Valan	Vecto Vedet Vehat	Viati Vibra Vicas	Vocar Vocif Vocul
Extra-Width Buildings with Interior Columns Shown on Page 49	80 Ft. (24.4 M.) 100 Ft. (30.5 M.) 120 Ft. (36.6 M.)	Vagin Vagra Valed	Veila Velli Vener	Vicet Vicib Victo	Vodke Vofel Vokim
Clerestory Type Buildings with Interior Columns Shown on Page 50	80 Ft. (24.4 M.) 100 Ft. (30.5 M.) 120 Ft. (36.6 M.)	Valha Valis Valky	Venaz Venis Venra	Vidwo Vigal .....	..... ..... .....
Saw-Tooth Type Buildings Shown on Page 51	30 Ft. ( 9.15 M.) 60 Ft. (18.30 M.) 90 Ft. (27.45 M.)	Valle Vanto Vanad	Ventu Verbo Verdu	Ville Vinna Vindu	Volat Volik Vorac

### MILLIKEN BUILDINGS

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### Code Words Designating Miscellaneous Furnishings

Door L4.....	Madam	Door K4.....	Merit
" L8.....	Magic	" K8.....	Momus
" N3.....	Mango	" N8.....	Monad
Eave Openings with gutters and leaders.....			Moose
Eave Openings without gutters and leaders.....			Motiv
Ridge Monitor.....			Motto
Ridge Circular Ventilator 12 inch Diameter.....			Mound
" " " 16 inch ".....			Mower
" " " 20 inch ".....			Mummy
" " " 24 inch ".....			Music
All-Steel Foundations.....			Murko

### Code Words Designating Lengths

20 Feet ( 6.1 Meters) Laban	220 Feet ( 67.1 Meters) Leggo
40 " ( 12.2 " ) Lager	240 " ( 73.2 " ) Lemur
60 " ( 18.3 " ) Laity	260 " ( 79.3 " ) Libra
80 " ( 24.4 " ) Lalus	280 " ( 85.4 " ) Ligan
100 " ( 30.5 " ) Lambo	300 " ( 91.5 " ) Lilac
120 " ( 36.6 " ) Lamia	320 " ( 97.6 " ) Lingo
140 " ( 42.7 " ) Lance	340 " (103.7 " ) Locus
160 " ( 48.8 " ) Largo	360 " (109.8 " ) Lotto
180 " ( 54.9 " ) Lasso	380 " (115.9 " ) Lucan
200 " ( 61.0 " ) Leach	400 " (122.0 " ) Lurid







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# **MILLIKEN STEEL SPECIALTIES**

**MILLIKEN BUILDINGS**

**GALVANIZED STEEL TRANSMISSION TOWERS**

**GALVANIZED STEEL RADIO TOWERS**

**STEEL LATTICED POLES**

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